



- Antibodies● ELISA Kit● Proteins & Peptides;
- Bioactive Compounds Molecular Biology Laboratory Consumables
- Custom Gene Editing & Cell Engineering
 Custom Antibody Service
- Custom Recombinant Protein Service Custom Peptide Service Custom ELISA Service Other CRO Services

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ABOUT US

EJOLIFE was founded in Berlin of Germany.

September of 2020

February of 202

First CRO laboratory was established in Berlin.

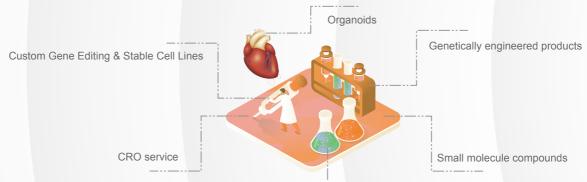
EJOLIFE established cooperation with other world leading biotech companies.

April of 2021

July of 2021

Second CRO laboratory was established in Shanghai.

COMPANY OVERVIEW



Large molecule products (antibodies, proteins, peptides)

CRO SERVICES





CATALOG PRODUCTS

1. Catalog Antibodies

Our catalog antibodies can be used in popular research areas including epigenetics, DNA damage/repair, cancer, and immunology. Whichever research area you are interested in, our products will provide outstanding results for multiple applications, such as ChIP, ChIP-seq, WB, and IHC.



- Rabbit Recombinant Monoclonal Antibodies
- Mouse Monoclonal Antibodies
- Rabbit Polyclonal Antibodies
- KO Validated Antibodies
- Modification Site-specific Antibodies
- Pan-PTM Antibodies for MS Analysis
- Custom Antibody Kits
- Tag & Loading Control Antibodies
- Secondary Antibodies

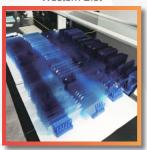
Key Features of Antibody

Large collection of antibodies is available for you to make multiple choices in species and applications.

Interactive and responsive new product development pipeline and custom antibody services will provide more choice for novel target.

Authentic validations for multiple applications with wide range of samples (including validation on KO cell models) ensure reliable and stable performance of antibodies in your experiments.

Western Blot



- H/M/R samples used now
 More sample types will be introduced.
- KO sample Preparation and Testing

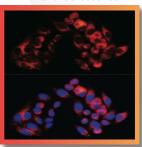


Immunohistochemistry



Paraffin sections include H/M/R samples are used now.
Pathological samples arrays are involved more and more.

Immunofluorescence



Multiple cell line samples are used now.

Gene KO cell and frozen tissue samples are used more and more.





2. ELISA Kits

We supply fresh made ELISA kits for various species including human, mouse, rat, guinea pig, bovine, monkey, canine, porcine, goat, rabbit, chicken, sheep, horse, and others for research use.



High-quality Antibodies are well selected for matching antibody pairs, which provides good basis for specificity, sensitivity, and lot-to-lot consistency.

Strict Internal Validation, including testing with knock-out cell samples, is performed to ensure reliable and stable performance of ELISA kits.

Flexible Custom Service to meet your unique needs in research.

1.Sensitivity

2.Specificity

3.Dilution Linearity

4.Recovery

5.Sample Analysis

6 Stability

3. Recombinant Proteins

We have successfully expressed more than 10,000 human antigens and 750 active recombinant proteins. Custom recombinant protein service is available.

- Immune checkpoint
- CAR-T cell therapy targets
- Fc & Fc receptor, Bio-markers & CD antigens
- Drug targets & biosimilar drug targets
- Interleukin & TNF family
- Cytokines & cytokine receptors
- Growth factor
- Cell culture related
- Other recombinant proteins

QC »»»»»»»»»»

- Purity>95%, by SDS-PAGE with Coomassie Blue staining, under reducing conditions
- Concentration detected by BCA or Nanodrop (A280)
- Endotoxin<0.01 EU per 1 g of the protein by the LAL method
- Formulation lyophilized from a 0.2 m filtered solution in Tris-HCl and NaCl.
- A variety of activity-determination methods, such as cellular level test, the specific interaction between ligand and receptor, have been developed.

4. Peptides

Catalog peptides are commercially available sequences. Commonly used catalog peptides are frequently produced in bulk at purities exceeding 95%, and they are generally kept in-stock. Producing these peptides in larger quantities allows companies to sell them at lower prices due to the bulk process involved.



- · Alzheimer's Disease
- Antimicrobial Peptides
- Cancer-related Peptides
- Cardiovascular Disease
- Central Nervous System
- COVID-related Peptides
- Endocrine & Metabolism (Diabetes-related peptides; hormones; gastrointeestinal peptides)
- FRET Substrates
- Hematology
- Immunology & Inflammation
- Kinase & Phosphatases
- Osteoporosis
- Pain & Toxin

- Our cooperative parnter, CPC, is licensed to manufacture peptides in compliance with cGMP regulations.
- CPC cGMP program is designed to strictly adhere to FDA/EU cGMP guildlines.
- No cross contamination: one peptide, one column or one batch of media.
- Raw materials BSE free.
- Process/Analytical method transfer/validation.
- CFR 210/211, ICH Q7A

5. Molecular Biology & NGS Lib Prep Kits



DNA Amplification

Hot Start PCR Complex Template PCR Long Amplification PCR High Fidelity PCR



Gene Manipulation

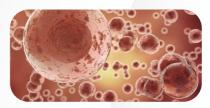
Restriction Endonuclease High Fidelity DNA polymerase

Ligase Gibson Assembly



RNA Lip Prep Kit

mRNA-seq Small RNA-seq Stranded mRNA-seq Whole RNA-seq



Gene Expression Assay

Reverse transcription
One step RT-qPCR

qPCR reagents and kits



DAN Lib Prep Kit

Rapid series
One step series

Stepwise series Scale ssDNA series



Other NGS Featured Products

rRNA Depletion Module
Damage DNA repair enzyme (DDRE)

DNA Prep Kit for MGI Sequence Adaptors



6. Biochemicals

We provide thousands of small molecule compounds and compound libraries for broad research.

Category

- · Angiogenesis;
- Apoptosis;
- Autophagy;
- · Cell Cycle/Checkpoint;
- · Chromatin/Epigenetic;
- Cytoskeletal Signaling;
- DNA Damage/Repair;
- Endocrinology/Hormones;
- GPCR/G Protein;
- Immunology/Inflammation;
- JAK/STAT Signaling;
- MAPK:
- Membrane Transporter/Ion Channel;
- · Metabolism;
- Microbiology/Virology;
- Neuroscience;
- NF-kB:
- Oxidation-reduction;
- PI3K/Akt/mTOR Signaling;
- Proteases/Proteasome;
- Stem Cells;
- · Tyrosine Kinase/Adaptors;
- Ubiquitination;
- Others.



Focused Bioactive Libraries

Approved/Repurposing Characteristic Bioactive Libraries; COVID-19/SARS-CoV-2; Disease Focused; Target/Pathway Focused.

Natural Product Libraries

Characteristic Natural Product Libraries; Natural Compound Library for HTS; Natural Product Based Library; Selectable Natural Compound Library.

Fragment Libraries

Diversity Sets

Custom Compound Library



CUSTOM SERVICES

1. Gene Editing & Cell Engineering

Our partner Ubigene developed CRISPR-UTM technology which is 10 times more efficient than the general CRSIPR. 100 types of cells have been successfully edited. Successfully genome editing including knockout (KO), point mutation (PM), and knockin (KI) are guaranteed.



10X

Exclusive innovation, 10 times more efficient in gene-editing.



100 types

Successfully edit genes on more than 100 types of cell lines..



Versatility

Easily generate knockout (KO), point mutation (PM) and knockin (KI) in vitro and in vivo.



NO risk

CRISPR-U[™] offers a 100% mutation guarantee. No mutation, no charge





Urinary System

Human bladder carcinoma cell line (TCCSUP)

Human bladder carcinoma cell line (5637)

Human Bladder Transitional Cell Carcinoma Cell Line (T24)

Human Adrenal Cortical Adenocarcinoma Cell Line

Mouse Mesangial Polyoma Cell Line

Rat Glomerular Mesangial Cell Line

Human Kidney Cell Line

Rhesus Monkey Kidney Cell Line

Human Renal Carcinoma CellLine

Human Embryonic Kidney Cell Line(HEK293)

Human Embryonic Kidney Cell Line(derived from 293)

Human prostate carcinoma cell line (22RV1)



Skeleton, Articulus, Soft Tissue, Derma System

Human Osteosarcoma Cell Line (MG63)

Human bone osteosarcoma epithelial cell line (U-2 OS)

Human fibrosarcoma cell line (HT1080)

Human Osteosarcoma Cell Line

Immortalized Human Epidermal Cell Line

Mouse Chondrocyte Progenitor Cell Line

Ewing's Sarcoma CII Line

Human Malignant Melanoma Cell Line

Human malignant melanoma cell line (A-375)

Murine melanoma cell line (B16-F10)

Mouse myeloma cell line (Sp2/0-Ag14)





Digestive System

Human Colon Cancer Cell Line (HCT116)

Human Colon Cancer Cell Line (SW480)

Human Colon Cancer Cell Line (SW620)

Human Colon Cancer Cell Line (HT-29)

Human Colon Cancer Cell Line (LoVo)

Human colon carcinoma cell line (RKO)

Human caucasian colon adenocarcinoma cell line (COLO 205)

Murine colorectal carcinoma cell line (CT26.WT)

Human colon adenocarcinoma cell line (DLD-1)

Human colorectal adenocarcinoma cell line (NCI-H716)

Human colorectal adenocarcinoma cell line (Caco-2)

Human colon carcinoma cell line (T84)

Human liver cancer cell line (Hep G2)

Human Hepatoma Cll Line (Hep3B)

Human hepatocellular carcinoma cell line (HuH-7)

Human Hepatocellular Carcinoma Cell Line

Rat Hepatoma Cell Line

Rat Hepatoma Cell Line

Human Primary Colon Cancer Cell Lines

Human Gastric Cancer Cll Line (HGC-27)

Human gastric cancer cell line (AGS)

Human Esophageal Squamous Carcinoma Cell Line

Human Esophageal Squamous Carcinoma Cell Line (KYSE:150)

Human renal cell carcinoma cell line (786-0)

Porcine small intestinal epithelial cell line

African green monkey kidney cel(Vero)



Respiratory System

Human Lung Cancer Cell Line (A549)

Human Lung Cancer Cell Line (Calu-1)

Human Lung Cancer Cell Line (Epithelium)

Lewis lung carcinoma (LLC)

Human Non-small Cell Lung Carcinoma Cell Line (H1299)

Human Non-small Cell Lung Carcinoma Cell Line (HCC827)

Human Lung Adenocarcinoma Cell Line

Human Bronchial Epithelial Cell Line (BEAS-2B)

Human Bronchial Epithelial Cell Line

human embryonic lung fibroblasts

Human fetal lung fibroblast cell line (MRC-5)

Human hypopharyngeal carcinoma cell line (FaDu)

Chinese hamster lung cells (V79)



Circulatory System

Human Vulvar Leiomyosarcoma Cell Line Rat Cardiac Myocytes (H9C2) Human Coronary Artery Endothelial Cell line (HCAEC) Mouse Myoblast Cell Line (C2C12)



Endocrine System

Human Breast Cancer Cell Line (MDA-MB-231)

Rat Breast Cancer Cell Line (4T1)

Human Pancreatic Carcinoma Cell Line(PANC-1)

Human breast cancer cell line (MCF-7)

Human Breast Adenocarcinoma Cell Line (SK-BR-3)

Human Metastatic Pancreatic Adenocarcinoma Cell Line (AsPC-1)

Human Pancreatic Carcinoma Cell Line(MIA PaCa-2)

Human Pancreatic Carcinoma Tumor Cell Line

Mouse Pancreatic Carcinoma Cell Line (PANC-1)

Human Prostate Cancer Tumor Cell Line

Human prostate cancer cell line (PC3)

Human prostate cancer cell line (LNCaP)

Mouse Acinar Pancreatic Cell Line (266-6)

Human pancreatic cancer cell line (BxPC-3)

Human breast cancer cell line (T-47D)



Reproductive System

Human Cervical Carcinoma Cell Line (HeLa) Human Ovarian Adenocarcinoma Cell Line Mouse Embryonic Osteoblast Precursor Cells Mouse Embryonic Fibroblasts (Preadipocytes) Mouse Embryonic Fibroblasts (NIH/3T3) Chinese Hamster Ovary Cell Line(CHO-KI)



Ocular, Otolaryngologic and Oral System

Rat Muller Cell Line (rmc-1)

Human Tongue Squamous Carcinoma Cell Line Human Nasopharyngeal Carcinoma Cell Line (C666-1) Human Nasopharyngeal Carcinoma Cell Line (cne2z)





Blood and Lymphatic System



Brain and Nervous System

Mouse Macrophage Cell Line (RAW264.7) Human Monocytic Cell Line (THP-1) Human Erythroleukemia Cell Line Human Leukemic Cell Line

Mouse Acute Myeloid Leukemia Cell Line Mouse Myeloid Progenitor Cell Line Rat Basophil Leukemia Cell Line (RBL-2H3) Human leukemia cell line (HL-60) Human T lymphocyte cell line (Jurkat, Clone E6-1)

Human myelogenous leukemia cell line (K-562) Human caucasian histiocytic lymphoma cell line (U937) Human Acute Non-B Non-T Lymphocytic Leukemia Cell Line (Reh

Human Neuroblastoma Cell Line (SK-N-SH) Mouse neuroblastoma cell line (Neuro-2a) Human Glioblastoma Cell Line (U251) Rat Glioblastoma Cell Line (C6) Human Glioblastoma Cell Line Human glioblastoma cell line(U-87MG) Mouse Anterior Parietal Bone Cell Line (MC3T3-E1 Subclone 14)





Plasmid »»»»»»»»»»

Services		Turnaround	
Overexpression	1overexpression+control	15-20 business days	≥2ug
shRNA expression	1 plasmid+control	10 business days	≥2ug
	3 plasmids+control	10 business days	≥2ug
KO plasmid (gRNA expression)	single gRNA	10-15 business days	≥2ug
	dual-gRNAs	15-20 business days	≥2ug

;	Services	Turnaround	
Overexpression	overexpression+control	25-35 business days	1*10^8TU
lentivirus	everexpression vooruser	35-45 business days	purified 1*10^8TU
shRNA expression	3 shRNA+ control	20-30 business days	1*10^8TU
lentivirus	1 shRNA+ control	20-30 business days	1*10^8TU
aDNA overcesion	single gRNA	20-30 business days	1*10^8TU
gRNA expression lentivirus (double plasmids system)	dual-gRNAs	25-35 business days	1*10^8TU
	3 single gRNA	20-30 business days	1*10^8TU
gRNA expression lentivirus (single plasmids system)	gRNA/Cas9	20-30 business days	1*10^8TU

Adenovirus »»»»»»»»»»

Services		Turnaround	
Overexpression	overexpression+control	40-55 business days	1*10^10PFU
Adenovirus	overexpression+control	40-60 business days	purified >1*10^12 VP
shRNA	1 shRNA+ control	40-55 business days	1*10^10PFU
SHATA	3 shRNA+ control	40-55 business days	1*10^10PFU



AAV »»»»»»»»»»

Services		Turnaround	Deliverable
Overexpression AAV	overexpression+control	30-40 business days	purified 1*10^12GC
Overexpression AAV	overexpression control	30-40 business days	purified 1*10^13GC
shRNA AAV	1 shRNA+ control	25-35 business days	purified 1*10^12GC
SHINAAAA	1 shrna+ control	25-35 business days	purified 1*10^13GC

S	ervices	Turnaround	Deliverable
Overexpression	Hela, HEK-293, A549, HCT116, 4T1, SGC-7901, RAW264.7, NCI-H1299	40-55 business days	1×10^6/vial, 2 vial/cell line
stable cell line	Other cell line in 100 cells list	45-60 business days	1×10^6/vial, 2 vial/cell line
	Cell line outside of 100 cells list	50-75 business days	1×10^6/vial, 2 vial/cell line

S	ervices	Turnaround	Deliverable
Gene Knockdown Stable Cell Line (shRNA) 1+1	Hela, HEK-293, A549, HCT116, 4T1, SGC-7901, RAW264.7, NCI-H1299	40-50 business days	1×10^6/vial, 2 vial/cell line
	Other cell line in 100 cells list	45-60 business days	1×10^6/vial, 2 vial/cell line
	Cell line outside of 100 cells list	50-70 business days	1×10^6/vial, 2 vial/cell line

S	ervices	Turnaround	Deliverable
Gene Knockdown Stable Cell Line (shRNA)(3+1)	Hela, HEK-293, A549, HCT116, 4T1, SGC-7901, RAW264.7, NCI-H1299	40-50 business days	1×10^6/vial, 2 vial/cell line
	Other cell line in 100 cells list	45-60 business days	1×10^6/vial, 2 vial/cell line
	Cell line outside of 100 cells list	50-70 business days	1×10^6/vial, 2 vial/cell line



S	ervices	Turnaround	Deliverable
KO cell pool	293T	20-30 business days	2 cell pools, 2 vials(5*10~5)/pool
	Hela、HCT116、NCI-H1299、 RKO、4T1、B16-F10、CHO-K1	20-30 business days	2 cell pools, 2 vials(5*10~5)/pool
	Other cell line	20-30 business days	2 cell pools, 2 vials(5*10~5)/pool

Services		Turnaround	Deliverable
	293T,A549,HCT116	45-65 business days	≥1 Full-allele KO clone , 1×10^6/vial, 2vials/clone
	Hela, 4T1, H9C2, RAW264.7, NCI-H1299	45-65 business days	≥1 Full-allele KO clone , 1×10^6/vial, 2vials/clone
	I, II, III graded cell line in 100 cells list	55-75 business days	≥1 Full-allele KO clone , 1×10^6/vial, 2vials/clone
KO cell clone	IV graded cell line in 100 cells list	65-85 business days	≥1 Full-allele KO clone, 1×10^6/vial, 2vials/clone
	V graded cell line in 100 cells list	90-120 business days	≥1 Full-allele KO clone , 1×10^6/vial, 2vials/clone
	Cell line outside of 100 cells list	60-80 business days	≥1 Full-allele KO clone, 1×10^6/vial, 2vials/clone
	mouse ES	3-4 months	≥1 Full-allele KO clone, 1×10^6/vial, 2vials/clone
	human IPS/hESC	3-4 months	≥1 Full-allele KO clone , 1×10^6/vial, 2vials/clone



So	Services		Deliverable
	293T, HCT116, H9C2, 4T1, Hela, A549	12-20 weeks	≥1 Heterozygous clone , 1×10^6/vial, 2vials/clone
Point mutation	I, II graded cell line in 100 cells list	12-20 weeks	≥1 Heterozygous clone , 1×10^6/vial , 2vials/clone
cell line	Other cell lines	16-24 weeks	≥1 Heterozygous clone , 1×10^6/vial , 2vials/clone
	human IPS/hESC	16-24 weeks	≥1 Heterozygous clone , 1×10^6/vial, 2vials/clone

Services		Turnaround	Deliverable
	293T , HCT116, H9C2 , 4T1 , Hela, A549 (Reporter KI)	12-20 weeks	≥1 Heterozygous clone , 1×10^6/vial, 2vials/clone
	I, II graded cell line in 100 cells list (Reporter KI)	12-20 weeks	≥1 Heterozygous clone , 1×10^6/vial, 2vials/clone
KI cell line	Other cell lines (Reporter KI)	16-24 weeks	≥1 Heterozygous clone , 1×10^6/vial, 2vials/clone
	I,II graded cell line in 100 cells list (other KI)	3-5 months	≥1 Heterozygous clone , 1×10^6/vial , 2vials/clone
	Other cell lines (other KI)	3-5 months	≥1 Heterozygous clone , 1×10^6/vial, 2vials/clone

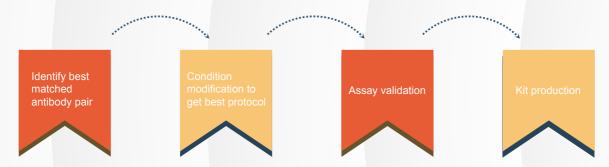


2.ELISA Service

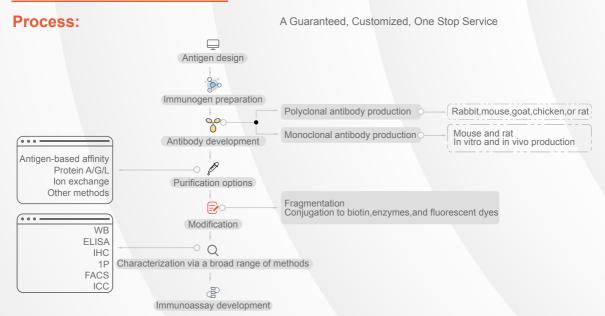


Matched antibody pair is the key of successful ELISA assay. We provides the most suitable matched pairs for your immunoassay.

Process:

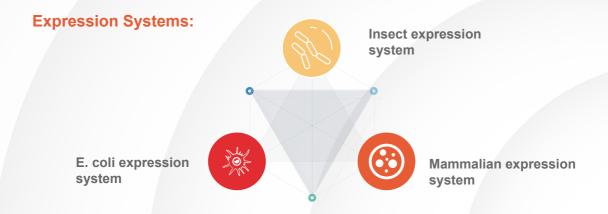


3.Antibody Service

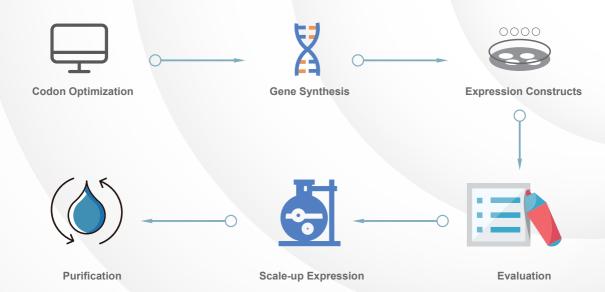




4. Protein Expression Service



Process:

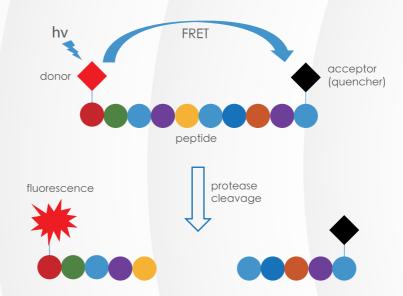




5. Peptide Service

We have the expertise to design and manufacture peptides from 2 to > 200 AAs in length at purities form 80% up to 99%, and can perform almost every available peptide modifications in the cooperation with our partners. We are the preferred vendor for top pharmaceutical companies, biotechnology companies, respected universities, and research institutions throughout the world. We measure our success by the success of the researchers and clinicians we serve.

- Lactam Cyclizations
- Thioether Cyclizations
- FRET Substrates
- TR-FRET Substrates
- Isotope-labeled Peptides
- Peptide Stapling
- Peptide Macrocycles
- Click Peptides
- Dye and Fluorescent Labels
- PEGylation (mono- and polydispersed)
- Metal Chelating Conjugates
- Multiple Disulfide Bonds
- Glycosylation
- Phosphorylation
- Sulfation and Sulfonation
- Incorporation of Unnatural Amino Acids
- Lipidation
- N-Terminal Modifications
- C-Terminal Modifications
- Hydrophobic Sequences
- Peptoids
- Rhodamine 110 Labeled
- Cell-Penetrating Peptides
- Long Sequences
- Native Chemical Ligation
- Epitope Mapping
- Peptide Libraries
- Neoantigen-based Libraries
- Protein Conjugation
- Selenocysteine
- Depsipeptides
- Peptidomimetics
- Multiple Antigenic Peptides (MAPs)
- Maleimide Group Installation



Quantity: mg to multi-kg Purification: up to 99.9% Length: up to 200 AA Most modifications

Varying synthesis abilities: solid phase; solution phase; hydrid/ligation

Targeted strategies: Fmoc; t-Boc; Cbz

6. Other CRO Services

We aim to provide customer with complete research solutions. You can make an inquiry about any requirement and we will find the best solution for you.



OUR CORE PARTNERS





























Based in Massachusetts, USA. ABclonal Biotech supports biological research with high quality. Mission: To be a leader in biomolecular solutions.

ORDER SUPPORT

There are 2 ways to place an order:

- 1. Set up your own accout, put your desired products into the cart, and then submit an order quotation or place an order directly on our website, www.ejolife.de.
- 2. Contact our sales department.

Phone: +49 (0) 159 0648 5025 Email: sales@ejolife.de

If you have any technical question about the product or service, please write an email to support@ejolife.de.

CATALOG



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