PRODUCT CATALOGUE

- Assay kit
- ELISA Kit
- ELISA kit for food safety & drug residues
- Protein
  - Native protein
  - Recombinant protein
  - E.coli expression system
  - Yeast expression system
  - Baculovirus expression system
  - Mammalian cell expression system
  - B. subtilis expression system
- Antibody
  - Primary antibody
  - Secondary antibody
- Molecular biology products
  - Host strain
  - Vector
  - cDNA Clone
  - RT-PCR primer
  - Tools enzyme
- Small molecule
  - Small molecule antigens for food safety and drug residues
  - Other small molecule antigen
- Raw material for IVD kit
  - Diagnostic antibody
  - Diagnosis antisera
  - Diagnosis antigen

OUR PRODUCTS RANGE

- Angiogenesis
- Apoptosis/autophagy
- Biosynthesis/metabolism
- Blood coagulation
- Cell adhesion
- Cell cycle
- Complement
- Developmental protein
- DNA damage/DNA repair
- Cytokine
- Drug residues & food safety
- Fertilization
- Growth factor
- Neurobiology
- Oxidative stress
- Pheromone receptor
- Transcription/Transcription regulation
- Transport
- Ubiquitin
- Signalling pathway
- Autoimmunity

Our products are available for a variety of animal species:

- Bovine
- Chicken
- Cat
- Cynomolgus
- Monkey
- Deer
- Dog
- Duck
- Fish
- Goat
- Grouper
- Guinea Pig
- Hamster
- Horse
- Human
- Monkey
- Mouse
- Pig
- Pigeon
- Plant
- Rabbit
- Rat
- Rhesus
- Sheep
- Simian
We specialize in the production of
Assay kit
Protein
Antibody
Molecular biology products
Small molecule
Raw materials for IVD kit
Monoclonal antibody

CUSABIO specializes in antibody production and customization service centering on antibody we have established a series of technology platform and animal breeding base. The monoclonal antibodies are produced by professionals who work on antibody for many years. Our mature technical route and reliable quality will save your produce time and energy. We can provide customers with high-quality monoclonal antibody products by screening and verifying every production step strictly. Combined with our R&D team, we can guarantee the quality of monoclonal antibody products in the field of detection. So far we have produced a variety of monoclonal antibody materials in diagnosis reagent level which are highly praised by customers.

Hot products

- Raw materials of IVD series:
  - Mouse anti- Neutrophil gelatinase-associated lipocalin (NGAL) monoclonal antibody
  - Mouse anti- Human Neutrophil gelatinase-associated lipocalin (NGAL) monoclonal antibody
  - Mouse anti- Human Ferritin light (FTL) chain monoclonal antibody
  - Mouse anti- Human Ferritin light (FTL) chain monoclonal antibody
  - Mouse anti- Human Cardiac Troponin I monoclonal antibody
  - Mouse anti- Human Cardiac Troponin I monoclonal antibody
  - Mouse anti- Human Timp1 monoclonal antibody
  - Mouse anti- Human Timp1 monoclonal antibody
  - Mouse anti- Human Timp1 monoclonal antibody
  - Mouse anti- Human Timp1 monoclonal antibody
  - Mouse anti- Human Timp1 monoclonal antibody
  - Small molecule series:
    - Mouse anti- B trovacin monoclonal antibody
    - Mouse anti- Sulfadimidine monoclonal antibody
    - Mouse anti- Gentamicin monoclonal antibody
    - Mouse anti- Kanamycin monoclonal antibody

Tag/Control series:

- Mouse Anti-6xHis monoclonal antibody
- Mouse Anti-6xHis monoclonal antibody
- Mouse Anti-MBP monoclonal antibody
- Mouse Anti-GADPH monoclonal antibody

Tag/Control series:

- Human NGAL Antibody pairs ;
- Human NGAL Antibody pairs ;
- Human NGAL Antibody pairs ;
- Human NGAL Antibody pairs ;
- Human NGAL Antibody pairs ;
- Human NGAL Antibody pairs ;
- Human NGAL Antibody pairs ;
- Rat TIMP1 Antibody pairs.

Polyclonal antibody

Antibody is the most commonly used research tool in biology and modern medicine research field, obtaining high-quality antibodies is usually the first step to study protein function. CUSABIO engaged in the professional customization services of polyclonal antibody, we have many experts who have studied in molecular biology, immunology fields for many years. We have first-class antibody preparation staff, high-quality antibody production equipment, advanced antibody preparation technologies. Rabbits, guinea pigs, goats and other host are immunized by recombinant protein and natural protein, combined with a variety of purification methods to obtain tens of thousands of polyclonal antibodies.

Our antibodies are all prepared with recombinant protein or native protein, compared with peptide antibody, the affinity and specificity is superior, there’re more recognition of antigens sites, and have much wide range of applications. Antibodies purified by affinity chromatography possess high purity. As to quality control, we prove their sensitivity and discrimination on natural proteins by rigorous ELISA test, verify its specificity by Western blot test, our antibody has broader scope of application and it’s a powerful tool for scientific research personnel to study their subjects.

Hot products

- Raw materials of IVD series:
  - Rabbit anti-human Neutrophil gelatinase-associated lipocalin polyclonal antibody (C5B-DA012ARN) ;
  - Rabbit anti- Human Aspartate aminotransferase, cytoplasmic polyclonal antibody (C5B-DA222ARN) ;
  - Rabbit anti-Human Alpha-2-HS-glycoprotein polyclonal antibody (C5B-DA242ARN).

- Control antibody series:
  - Rabbit anti-human Glyceroldehyde-3-phosphate dehydrogenase polyclonal Antibody (C5B-PA00025AR). It
  - Other research reagents series:
    - Rabbit anti-human Kininogen-1 polyclonal Antibody (C5B-PA16647AR);
    - Rabbit anti-human B-cell receptor-associated protein 31 polyclonal Antibody (C5B-PA03425AR).

Secondary antibody series:

- Guinea Pig anti-Rabbit IgG polyclonal antibody (C5B-PA00150E1 gp);
- Rabbit anti-Mouse IgG polyclonal antibody (C5B-PA00166F10g).
CUSABIO has a sound platform for the development of ELISA kit, mature antigen antibody research and development system. We are proficient in a variety of ELISA technology such as the double antibody sandwich method, double antigen sandwich method, direct competition ELISA, indirect competition ELISA blocking method, indirect ELISA and other methods. Combined with diagnostic kits development team we are able to develop the kits with clinical diagnostic level and make the quality in the leading place worldwide. We can assure low intra and inter assay precisions of the ELISA kits as much as possible because we employ triple quality control procedures. The stability of each component in our kit is optimized by high temperature damage test for avoiding the antibody antigen inactive during transportation storage. Our kits stand out from the field of research reagents and being popular in dozens of countries worldwide with their perfect standard curves strict quality control and high stability.

**Hot products**

- **Tumor marker:**
  - Alpha-fetoprotein ELISA kits
  - Ferritin ELISA kits
  - MMP9 ELISA kits
  - Osteopontin ELISA kits
- **Cytokine:**
  - Interleukin ELISA kits
  - IFN-γ ELISA kits
  - TGF-β1 ELISA kits
  - TNF ELISA kits
  - VEGF ELISA kits
  - Kidney injury ELISA kits
- **Cardiovascular:**
  - ADP ELISA kits
  - ANG ELISA kits
  - BDNF ELISA kits
  - CST3 ELISA kits
  - TIMP1 ELISA kits
  - VCAM1 ELISA kits
- **Small molecule of diagnosis:**
  - Cortisol ELISA kits
  - Testosterone ELISA kits
  - Estradiol ELISA kits
  - Progesterone ELISA kits
  - T3, T4 ELISA kits
  - 25-hydroxy vitamin D3 ELISA kits
- **Small molecule of food safety:**
  - Aflatoxin M1 ELISA kit
  - Aflatoxin B1 ELISA kit
  - Klebuterol (CL) ELISA kit
  - Decamivinolene(DDN) ELISA Kit
  - Enrofloxacin (ER) ELISA kit
  - Fluorquinolones ELISA kits
  - Gentamicin (GEN) ELISA kits
  - Karasynic (KAI) ELISA kits
  - Melamine ELISA Kit
  - Orithoxan (A + CTA ) ELISA Kit
  - Racicarpine (RA) ELISA kit
  - Sulbutaol (SLB) ELISA kit
  - Sulfadimidine (SM2) ELISA kit
  - Sulfonamides (SA) residue ELISA kit
  - T-2 toxin (T2) ELISA kit

**Antibody detection:**

- Cytomegalovirus (CMV) antibody (IgG);
- Epstein-barr virus (EBV) antibody (IgG);
- Papillomavirus type 16 L1 capsid (HPV16L1) antibody (IgG);
- Papillomavirus type 16 (HPV16) antibody (IgG).

**More than 13000 CDNA CLONE (ORF)**

- 100% sequence accuracy guarantee, otherwise unconditional replacement is accepted;
- Full length CDS sequence for protein expression which decrease the expression cost;
- Sbuclone the gene to one vector for free;
- Additional service: we provide technical support suggestions and services based on the gene modification protein expression and other uses.

**Only USD59 for cdna clone if ordering 1mg recombinant protein**
CUSABIO is an ISO9001 Certified leading biotechnology company specialized in production of high quality products for gene, protein, antibody, ELISA kit, in vitro diagnostic raw material, drug residues, food safety small molecule & other small molecule. Our products cover research areas such as the biosynthesis/metabolism, neurobiology, cytokine, growth factor, autoimmunity and so on, including thousands kinds of ELISA kits for many species; over 10,000 antibodies, 3,000 high-quality recombinant proteins in stock, providing 500,000 kinds of customized recombinant protein within 4-8 weeks through four main expression systems such as E.coli, Yeast, Baculovirus and Mammalian cell; Small molecule antigens and standards used in drug residues, food safety and other field and dozens of excellent proteins and antibodies for diagnostic use.

Besides all kinds of products which can meet customers’ different demands in various scientific research fields, we are also concentrated in improving our product quality and service, now we have more kits validated by labs from top academic research institutes. The validation is organized by company Science Exchange combining with USA independent laboratories, thus making our products more reliable among our customers. CUSABIO’s high quality has been guaranteed by many customers through worldwide published literatures in all kinds of famous journals such as Science, Nature, Cell, Developmental Biology, Molecular Cell, Genes & Development and so on.
Protein

Depend on our four main expression systems such as Ecoli, Yeast, Baculovirus, Mammalian cell, and B. subtilis expression vector optimization as well as combined with many purification technologies, CUSABIO has gained thousands of highly purified recombinant proteins from dozens of species with high biological activity. At the same time, we’ve got the high purity native protein from dozens of species by many kinds of purification technologies. The high-quality proteins have been supplied to thousands of customers from many countries all around the world. The proteins raw materials which related to diagnostic reagents are all passed the world first-class protein characteristics evaluations that ensures the quality of protein maximally.

**Hot products**
- Raw materials of IVD series:
  - Recombinant human RBP-4;
  - Recombinant human cystatin C;
  - Recombinant human NGAL;
  - Streptolysin O protein;
  - Human Beta-2-microglobulin protein;
  - Myoglobin protein;
  - Human Fatty acid-binding protein, heart protein.
- Research reagent series:
  - Recombinant human TNFα;
  - Recombinant mouse cXCL12;
  - Recombinant human IL1α;
  - Recombinant human IL8;
  - Recombinant human Interferon gamma;
  - Recombinant human Vascular endothelial growth factor C;
  - Recombinant human Growth Hormone;
  - Recombinant Human Thymidine kinase, cytosolic;
  - Recombinant Streptomyces avidinii Streptavidin protein;
  - Recombinant Protein G;
  - Recombinant Rotavirus A Outer capsid protein VP4;
  - Recombinant human Thrombopoietin receptor.

Small molecule

Besides owning professional R & D team of small molecule antigen synthesis and advanced experimental facilities, we also cooperate with Wuhan University and Huazhong Agricultural University, and employ experienced researchers to be our technical consultants. All of these advantages can ensure all the projects to be finished successfully. Our small molecule antigen products include food safety, drug residues, and diagnostic reagents for both human and animals. Each product got in the process of this small molecule antigen synthesis will undergo strict test to ensure that we can provide customer products with the best quality.

**Hot products**
- Raw materials of IVD series
- Drug residues products
- Cystatin C, S-Hydroxytryptamine etc.
- Cystatin C, S-Hydroxytryptamine etc.
- Melamine, clenbuterol etc.

View our more than 2,072,000 antibodies, please visit our website:

www.cusabio.com