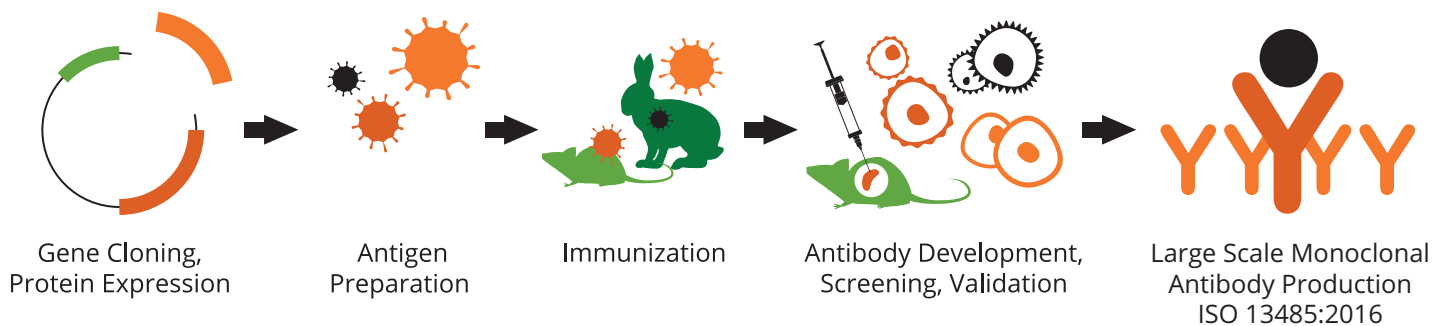


Custom Antibody Development & Large Scale GMP Manufacturing





Combining the expertise of antibody development and the capacity of large-scale antibody production, OriGene provides turn-key solutions for antibody users. Researchers, IVD developers, and manufacturers can benefit from our comprehensive service, from gene cloning to antigen production, immunization, clone selection, master cell banking, to GMP production. OriGene can be entrusted as a single handler of the entire process, ensuring a smooth and timely delivery.



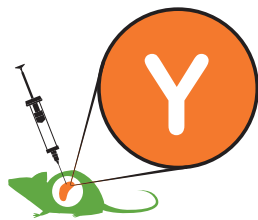
Why Trust OriGene?

- **Comprehensive Integrated Service:** Gene cloning to large-scale antibody production (mg to Kgs)
- **Extensive Expertise:** 30+ years' experience serving pharma, diagnostic, and academic researchers
- **Proven Track Record:** Created over 15,000 mouse and rabbit mABs, including mutant-specific ones, such as BRAR(V600E) and IDH1(R132H)
- **Broad Validation:** IHC, ICC, IF, Flow Cytometry, ELISA, Neutralization, WB, etc.
- **Customer-Centric:** Ph.D. level project managers for expert guidance
- **International Accreditation:** ISO 13485:2016, AAALAC, OLAW Letter of Assurance, USDA/APHIS licensed, AALAS certified staff

In-house Developed Ready-to-use Antibodies

- **TrueMABs:** 13,000 mouse monoclonals, made with human full-length proteins as immunogens
- **UltraMABs:** 200 TrueMABs whose specificities are validated with high-density protein chips
- **TrueRABs:** 200 and growing recombinant rabbit monoclonal antibodies
- **Ready for OEM or commercial licensing**
- **Accelerate your assay development process**

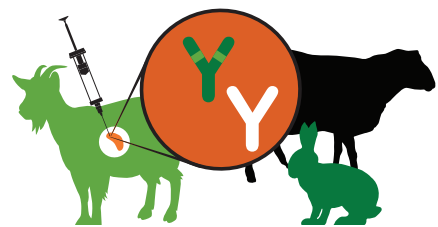
New Antibody Development Service



Mouse Monoclonal
Antibody Development



Rabbit Monoclonal
Antibody Development



Polyclonal Antibody
Development

Large Scale GMP Manufacturing

Large Scale GMP Monoclonal Manufacturing Services

- Cell line optimization for antibody production
- Large scale (mg to kg) antibody production from customer-supplied cell lines (*in vivo* and *in vitro*)
- Cell storage and banking
- Bioprocessing (monoclonal)

Large Scale Polyclonal Antibody Production

- **Experienced**
Serving IVD companies since 1990
- **High Capacity**
135 acres + 118K ft²
12 building facility
8 species + 16K animal capacity
Ascites facility >55K mice
- **Antibody protocols by species**

Our Commitment

- Delivering quality products and services that conform to customer and regulatory requirements
- Maintaining an effective Quality Management System
- Providing courteous, knowledgeable, and timely support



For more information, please visit
www.origene.com/services/antibody-development



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