

# **Custom Antibody Production Services**

Start-to-finish service with guaranteed results

With 15+ years of expertise in antibody development and recombinant proteins, **abm** has provided researchers custom antibodies with superior affinity and specificity. Contact us for a custom project quote, today!

# **Custom Mouse Monoclonal Antibody Service**

- We make antibodies against peptides, modified peptides, protein antigens or fusion proteins
- Simply provide gene accession number and we will do the antigen preparation
- Our fusion technology yields 1200-1800 hybridoma on average
- Added value of 3 mg purified antibody and free isotyping

# **Custom Rabbit Polyclonal Antibody Service**

- We make antibody against peptides, modified peptides, protein antigens or fusion proteins.
- Simply provide gene accession number and we will do the antigen preparation
- Affinity purification of ELISA-positive serum at no additional cost

For more information, visit: www.abmgood.com/Antibody.html

# **Project Workflow**



#### 1a. Protein antigen production

- Cloning of gene of interest into expression vector
- Codon optimization
- Large scale protein production (>1 mg) and purification (purity ≥90%)



#### 1b. Peptide antigen

- Peptide synthesis
- Cross-linking peptide onto carrier
  proteins



#### 2. Immunization

- Immunization
- Titre testing by ELISA
- Guaranteed titre of 1:10,000

### **Polyclonal Antibody**





#### 3a. Affinity purification

- · No additional cost for purification
- >70% success rate for one peptide antigen and 95% for two peptide antigens

#### Deliverables:

2-3 ml purified antibody



#### 3b. Fusion and subcloning

- · Cell fusion to make hybridoma
- ELISA screening of 1200-1800
- Subclone selected hybridomas

#### Deliverables:

Up to 2 clones



# Mouse

Custom Monoclonal Antibody Service



## **Rabbit**

Custom Polyclonal Antibody Service



#### 4. Antibody production

- Antibody isotyping
- Antibody purification

#### Deliverables:

3 mg of each antibody

Custom Rabbit Monoclonal Antibody Service also available inquire today!