

## Antibody Development

### Description

#### Mouse Monoclonal Antibody Development (Cat# BS-MAB-201)

- Antigen analysis, Pre-screening, Immunization and Boosters
- Host: Mice
- Titer determination of antisera by ELISA
- Fusion of higher titer mouse
- Screening for positive clones by ELISA at 96 well stage to 24 well
- Single cell cloning of selected clones, characterization by ELISA
- Isotype determination of Selected reactive clones
- One cycle of freeze/ thaw stability check for final selected clones
- Antibody purification from best reactive clone (~1 mg) Additional Service

#### Rabbit Polyclonal Antibody/Antisera Development (Cat# BS-PAB-301)

- Antigen analysis, Pre-screening and Immunization and Boosters
- Host: New Zealand White Rabbits (2 Nos.)
- Titer determination of antisera by ELISA
- Pre-immune Antisera: 0.3 ML
- Hyperimmune Antisera: 40 ML per host
- Purity determination by SDS-PAGE and quantification by standard methods

#### Goat Polyclonal Antibody/Antisera Development Against Protein (Cat# BS-PAB-302)

- Antigen analysis, Pre-screening and Immunization and Boosters.
- Host: Goat (1 Nos.)
- Titer determination of antisera by ELISA.
- Hyperimmune antisera: 1000 ML

#### Guinea pig Polyclonal Antibody/Antisera Development (Cat# BS-PAB-303)

- Antigen analysis, Pre-screening and Immunization and Boosters.
- Host: Guinea Pig (2 Nos.)
- Titer determination of antisera by ELISA
- Hyperimmune antisera: 10 ML per Host

#### Mouse Polyclonal Antibody/Antisera Development (Cat# BS-PAB-405)

- Antigen analysis, Pre-screening and Immunization and Boosters
- Titer determination of antisera by ELISA
- Host: Rat (2 Nos.)
- Hyperimmune Antisera: 5 ML

#### Mouse Polyclonal Antibody/Antisera Development (Cat# BS-PAB-304)

- Antigen analysis, Pre-screening and Immunization and Boosters
- Titer determination of antisera by ELISA
- Host: Mice (2 Nos.)
- Hyperimmune Antisera: 1 ML

### **Antigen Affinity Purification**

- Custom affinity purification of antibody from antisera (Cat# BS-IM-206)

### **Antibody /Protein Labelling Service**

- Antibody reactivity to antigen by western blot (Cat# BS-IM-207)
- Labelling of antibody/Protein to HRP and Quality determination by ELISA (Cat# BS-IM-208)
- Labelling of antibody to Biotin and Quality determination by ELISA (Cat# BS-IM-209)
- Labelling of antibody to ALP and Quality determination by ELISA (Cat# BS-IM-210)
- Labelling of antibody to FITC and Quality determination by ELISA (Cat# BS-IM-211)
- Gold nanoparticle labelling to antibody (Cat# BS-IM-212)
- KLH/BSA conjugation to peptide (Cat# BS-IM-213)
- by papain digestion antibody and purification of Fab fragment (BS-IM-214)
  
- Antibody Match Pair Selection for ELISA Application; (Cat# BS-MAB-202)
- Ascitic fluid generation in mice; (Cat# BS-MAB-204)
- Purification of antibody from mice ascitic fluid; (Cat#BS-MAB-205)

### **Date Created**

2024/06/25