

## bs-0403R-A647

### • Rabbit anti-Mongolian Gerbil IgG Antibody (H+L). A647 conjugated.

#### Secondary Antibodies

#### Background:

Immunoglobulin G (IgG), is one of the most abundant proteins in serum with normal levels between 8-17 mg/mL in adult blood. IgG is important for our defence against microorganisms and the molecules are produced by B lymphocytes as a part of our adaptive immune response. The IgG molecule has two separate functions; to bind to the pathogen that elicited the response and to recruit other cells and molecules to destroy the antigen. The variability of the IgG pool is generated by somatic recombination and the number of specificities in an individual at a given time point is estimated to be 1011 variants.

**Purification:** Was purified by Protein A and peptide affinity chromatography.

#### Storage:

Prepared as lyophilized powder or liquid and shipped on ice. Store at -20°C for one year. Protect from light.

#### Reconstitution:

If the antibody is in liquid form, it is ready to use, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Reconstitution instruction: Two additional vials are included in shipment for reconstitution purposes (double distilled H<sub>2</sub>O and sterile glycerol). Centrifuge all vials to ensure necessary quantities have settled. Add 50uL of sterile double distilled water to antibody. Mix thoroughly by gently pipetting up and down. Then, add 50uL of sterile glycerol to antibody. Mix well and keep cold.

**Size:** 100ul or 200ug lyophilized

**Concentration:** 2ug/uL

**Host:** Rabbit

**Reactivities:** Mouse

**Application:**

- IHC
- ICC
- FACS
- Not yet tested in other applications.  
Optimal working dilutions must be determined by the end user.

**Antibody Type:** Polyclonal

**Isotype:** IgG (H+L)

**Molecular Weight:** 150kDa

**Preservatives:**

10ug/uL BSA and 0.1% NaN<sub>3</sub>.

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.



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