

Human IgG (H+L) Rabbit PolymAb®

Catalog No.: A29257PM

Basic Information

Observed MW

Calculated MW

11 kDa/36 kDa/44 kDa

Category

Primary antibody

Applications

ELISA

Cross-Reactivity

Human

Conjugate

Unmodified

Background

Predicted to enable antigen binding activity and immunoglobulin receptor binding activity. Predicted to be involved in several processes, including activation of immune response; defense response to other organism; and phagocytosis. Predicted to act upstream of or within several processes, including immunoglobulin mediated immune response; positive regulation of hypersensitivity; and positive regulation of phagocytosis. Located in extracellular space.

Recommended Dilutions

ELISA

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000) a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID

3500/3514/3537

Swiss Prot

P01857/P01834/P0CG04

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive. It may exhibit cross-reactivity with immunoglobulins containing light chains

Synonyms

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

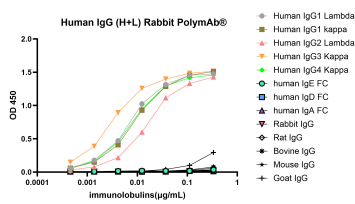
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% sodium azide, 0.05% BSA, 50% glycerol, pH7.3

Validation Data



Dose response curve of rabbit monoclonal antibody against Human IgG1 (Fc) determined by ELISA. 384-well plates were coated with Human IgG (H+L) Rabbit PolymAb® at a concentration of 1 µg/mL. After blocking the coated plates, 25 µL serially 3-fold diluted biotinylated immunoglobulin proteins were added to each well, with concentrations ranging from 6.25×10^{-2} µg/mL down to 3.05×10^{-5} ng/mL, followed by incubation at room temperature for 1 hour. ELISA results revealed that this antibody exhibits strong specific binding to human IgG1-4, with no or negligible cross-reactivity against mouse IgG, rabbit IgG, rat IgG, goat IgG and bovine IgG. It may exhibit cross-reactivity with immunoglobulins containing light chains.