

Human IgG1 (Fc) Rabbit mAb

Catalog No.: A29093 **Recombinant**

Basic Information

Observed MW

Calculated MW

36 kDa/44 kDa

Category

Primary antibody

Applications

ELISA

Cross-Reactivity

Human

CloneNo number

ARC53375

Background

Enables Fc-gamma receptor I complex binding activity. Involved in antibody-dependent cellular cytotoxicity and complement-dependent cytotoxicity. Located in extracellular space. Part of IgG immunoglobulin complex.

Recommended Dilutions

ELISA

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

3500

Swiss Prot

P01857

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

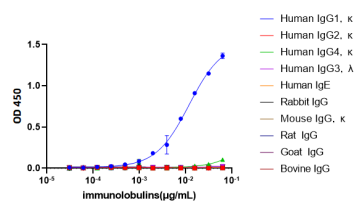
Affinity purification

Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3

Validation Data



Dose response curve of rabbit monoclonal antibody against Human IgG1 (Fc) determined by ELISA. 384-well plates were coated with Human IgG1 (Fc) rabbit mAb at a concentration of 1 $\mu\text{g/mL}$. After blocking the coated plates, 25 μL serially two-fold diluted immunoglobulin proteins were added to each well, with concentrations ranging from 6.25×10^{-2} $\mu\text{g/mL}$ 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, with no or negligible cross-reactivity against human IgG2, human IgG3, human IgG4, human IgE, mouse IgG, rabbit IgG, rat IgG, goat IgG and bovine IgG.