HRP-conjugated Rabbit anti-Human IgG1 (Fc) mAb

Catalog No.: AS200

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Basic Information

Observed MW

Calculated MW
52 kDa

Category
Secondary Antibodies

Applications
ELISA

Cross Reactivity
Human

Clone No.
ARC53375

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

Swiss-Prot
P01857,P01859,P01860,P01861

Immunogen
This information is considered to be commercially sensitive.The antibody may cross-react with immunoglobulins from other species.

Synonyms

Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

Product Information

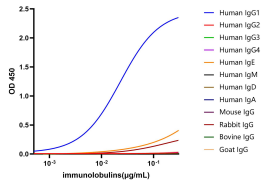
Source
Rabbit

Isotype
IgG

Purity
Affinity purification

Storage
Store at -20℃

Validation Data



Dose response curve of HRP conjugated Rabbit Anti-Human IgG1 mAb measured by ELISA. 1 μg/mL of various immunoglobulins were coated to 384-well plate. blank wells without protein were used as negative control (NC). The coated plate was blocked and subsequently incubated with 25 μL of HRP conjugated Rabbit Anti-Human IgG1 mAb in a 3 fold serial dilution from 0.3 μg/mL to 4.5*10^-1 ng/mL, incubation was performed at room temperature for 1 hour. The ELISA result demonstrated that Rabbit Anti-Human IgG has highly specific recognition of Human IgG1 while no or minimal cross reactivity to Human IgG2, Human IgG3, Human IgG4, Human IgD, Human IgM, Human IgA, Mouse IgG, Rabbit IgG, Bovine IgG, Goat IgG.