

HRP conjugated Rabbit Anti-Mouse IgG2b (Fc) mAb

Catalog No.: AS123 **1 Publications**

Basic Information

Observed MW

Refer to figures

Calculated MW

37kDa

Category

Secondary antibody

Applications

ELISA

Cross-Reactivity

Mouse

CloneNo number

ARC67788-HRP

Conjugate

HRP

Recommended Dilutions

ELISA 1:5000-1:10000

Background

Enables antigen binding activity. Acts upstream of or within phagocytosis; positive regulation of immune response; and positive regulation of phagocytosis. Located in extracellular space. Part of immunoglobulin complex, circulating. Orthologous to several human genes including IGHG1 (immunoglobulin heavy constant gamma 1 (G1m marker)); IGHG2 (immunoglobulin heavy constant gamma 2 (G2m marker)); and IGHG3 (immunoglobulin heavy constant gamma 3 (G3m marker)).

Immunogen Information

Gene ID

16016

Swiss Prot

P01867-2

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 95-113 of mouse IgG2b (P01867-2).

Synonyms

IgG2b; Igh-3; gamma2b

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

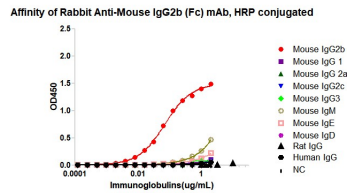
Affinity purification

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 HRP conjugated Rabbit Anti-Mouse IgG2b (Fc) 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-Mouse IgG2b (Fc) mAb in a 2 fold serial dilution from 2 µg/mL to 6.1×10^{-5} µg/mL, incubation was performed at room temperature for 1 hour. The ELISA result demonstrated that Rabbit Anti-Mouse IgG2b (Fc) has highly specific recognition of Mouse IgG2b while no or minimal cross reactivity to Mouse IgG1, Mouse IgG2a, Mouse IgG2c, Mouse IgG3, Mouse IgM, Mouse IgE, Mouse IgD, Rat IgG, Human IgG.