

HRP conjugated Rabbit Anti-Mouse IgG2b (Fc) mAb

Catalog NO.: AS123 **2 Publications**

Basic Information

Observed MW

Refer to figures

Calculated MW

37kDa

Category

Secondary Antibodies

Applications

ELISA

Cross-Reactivity

Mouse

Conjugation

HRP

Clone number

ARC67788-HRP

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)).

Recommended Dilutions

ELISA 1:5000-1:10000

Immunogen Information

Gene ID

16016

Swiss Prot

P01867-2

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

IgG2b; Igh-3; gamma2b

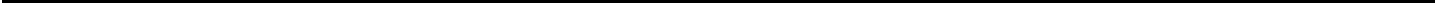
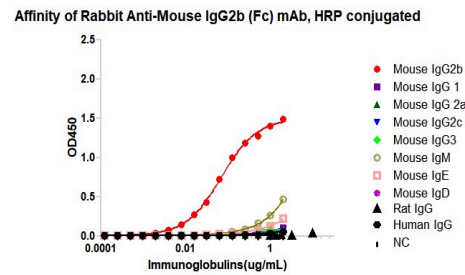
Contact

Product Information

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Source	Isotype	Purification
Rabbit	IgG	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 pg/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.

