

HRP conjugated Rabbit Anti-Mouse IgD (Fc) mAb

Catalog No.: AS124

Basic Information

Observed MW

Refer to figures

Calculated MW

28kDa

Category

Secondary antibody

Applications

ELISA

Cross-Reactivity

Conjugate

HRP

Background

Enables antigen binding activity. Acts upstream of or within several processes, including immunoglobulin mediated immune response; positive regulation of B cell proliferation; and somatic hypermutation of immunoglobulin genes. Located in external side of plasma membrane. Part of B cell receptor complex. Orthologous to human IGHD (immunoglobulin heavy constant delta).

Recommended Dilutions

ELISA 1:5000-1:10000

Immunogen Information

Gene ID

380797

Swiss Prot

P01881-1

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-257 of Mouse IgD (P01881).

Synonyms

IgD; Igh-5

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

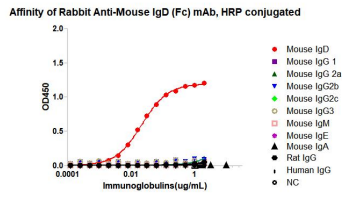
Affinity purification

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 IgD (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 IgD (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 IgD (Fc) has highly specific recognition of Mouse IgD while no or minimal cross reactivity to Mouse IgG1, Mouse IgG2a, Mouse IgG2b, Mouse IgG2c, Mouse IgG3, Mouse IgM, Mouse IgE, Mouse IgA, Rat IgG, Human IgG.