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

Synonyms
IgD; Igh-5

Contact

400-999-6126

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Product Information

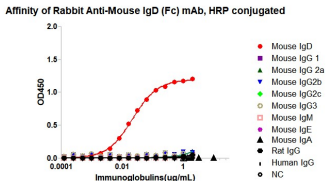
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. 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 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 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.

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