

# 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

Mouse(recombinant)

### CloneNo number

ARC67980-HRP

### Conjugate

HRP

## Recommended Dilutions

ELISA 1:5000-1:10000

## 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).

## 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

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

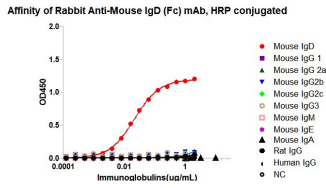
Affinity purification

### Storage

Store at -20°C. 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  $6.1 \times 10^{-5}$  µg/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.