

HRP-conjugated Rabbit anti-Human IgD mAb

Catalog No.: AS095

Basic Information

Observed MW

Calculated MW

Category

Secondary antibody

Applications

ELISA

Cross-Reactivity

Human

CloneNo number

ARC60051-HRP

Conjugate

HRP

Background

Recommended Dilutions

ELISA 1:5000-1:10000

Immunogen Information

Gene ID

Swiss Prot

P01880

Immunogen

This information is considered to be commercially sensitive.

Synonyms

Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

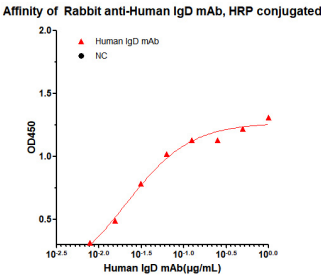
Purification

Affinity purification

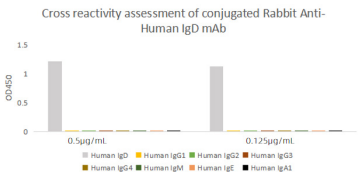
Storage

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.



Dose response curve of HRP conjugated Rabbit Anti-Human IgD mAb measured by ELISA. 25 ng of Human IgD recombinant protein was coated in 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-Human IgD mAb in a 2 fold serial dilution from 1 µg/mL to 7.8 pg/mL, incubation was performed at room temperature for 1 hour. EC50 value (2.10×10^{-2} µg/mL) were calculated using 4 parameter logistic regression.



Cross reactivity to various IgGs of HRP conjugated Rabbit Anti-Human IgD mAb was examined ELISA. 1 µg/mL of various immunoglobulins were coated to 384-well plate. Then the plate was blocked and incubated with 25 µL of HRP conjugated Rabbit Anti-Human IgD mAb, 0.5 µg/mL and 0.125 µg/mL at room temperature for 1 hour. The ELISA result demonstrated that Rabbit anti-Human IgD antibody has highly specific recognition of Human IgD, while no or minimal cross reactivity to Human IgG1, Human IgG2, Human IgG3, Human IgG4, Human IgM, Human IgE and Human IgA1.