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HRP-conjugated Rabbit anti-Monkey IgE (Fc) mAb

Catalog No.: AS098

Basic Information

Observed MW

Calculated MW

Category
Secondary antibody

Applications
ELISA

Cross-Reactivity
Monkey

CloneNo number
ARC61158-HRP

Conjugate
HRP

Background

Recommended Dilutions

ELISA	1:5000-1:10000

Immunogen Information

Gene ID

Swiss Prot

Immunogen
This information is considered to be commercially sensitive.

Synonyms

Contact

400-999-6126

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Product Information

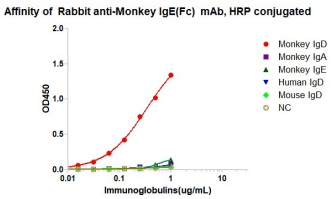
Source
Rabbit

Isotype
IgG

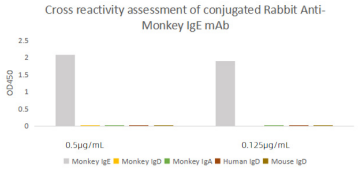
Purification
Affinity purification

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-Monkey IgE mAb measured by ELISA. 25 ng of Monkey IgE 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-Monkey IgE 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 (6.54×10^-2 µg/mL) were calculated using 4 parameter logistic regression.



Cross reactivity to various IgGs of HRP conjugated Rabbit Anti-Monkey IgE 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-Monkey IgE mAb , 0.5 µg/mL and 0.125 µg/mL) at room temperature for 1 hour. The ELISA result demonstrated that Rabbit anti-Monkey IgE antibody has highly specific recognition of -Monkey IgE, while no or minimal cross reactivity to Monkey IgD, Monkey IgA, Human IgD and Mouse IgD.