

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

Synonyms

Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

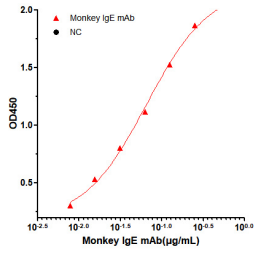
Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

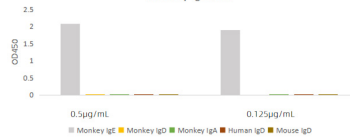
Validation Data

Affinity of Rabbit anti-Monkey IgE mAb, HRP conjugated



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 assessment of conjugated Rabbit Anti-Monkey IgE mAb



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.