

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

Catalog No.: AS098

## Basic Information

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**Observed MW**

**Calculated MW**

**Category**

Secondary antibody

**Applications**

ELISA

**Cross-Reactivity**

Monkey

**CloneNo number**

ARC61158-HRP

**Conjugate**

HRP

## Background

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## Recommended Dilutions

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**ELISA** 1:5000-1:10000

## Immunogen Information

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**Gene ID**

**Swiss Prot**

**Immunogen**

**Synonyms**

## Contact

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## Product Information

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**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

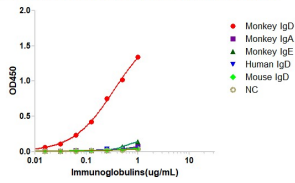
**Storage**

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

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

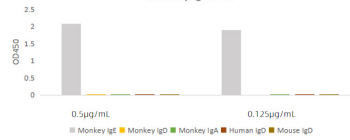
## Validation Data

Affinity of Rabbit anti-Monkey IgE(Fc) 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 ( $6.54 \times 10^{-2}$  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.