

# HRP conjugated Mouse anti-Rabbit IgG (Fc) mAb

Catalog No.: AS122

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

35kDa

### Category

Secondary antibody

### Applications

(ELISA)

### Cross-Reactivity

### CloneNo number

AMC50001-HRP

## Background

Secondary antibodies are affinity-purified antibodies which will work with target-specific primary antibody in the detection, sorting or purification of its specified target. Secondary antibodies offer increased versatility enabling users to use many detection systems (e.g. HRP, AP, fluorescence). They can also provide greater sensitivity through signal amplification as multiple secondary antibodies. Most commonly, secondary antibodies are generated by immunizing the host animal (different from host species of primary antibody) with a pooled population of normal immunoglobulins from the host species of primary antibody and can be further purified and modified (i.e. antibody fragmentation, label conjugation, etc.) to ensure well-characterized specificity to corresponding normal immunoglobulins.

## Recommended Dilutions

ELISA 1:5000-1:10000

## Immunogen Information

### Gene ID

### Swiss Prot

P01870

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 96-323 of rabbit IgG (Fc) (P01870).

### Synonyms

## Contact

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## Product Information

### Source

Rabbit

### Isotype

mouse IgG1

### Purification

Affinity purification

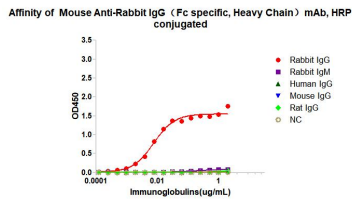
### Storage

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

Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.

## Validation Data

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Dose response curve of HRP conjugated Mouse Anti-Rabbit IgG [Fc specific, Heavy Chain] 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 Mouse Anti-Rabbit IgG [Fc specific, Heavy Chain] mAb in a 2 fold serial dilution from 2 µg/mL to  $1.22 \times 10^{-4}$  µg/mL, incubation was performed at room temperature for 1 hour. The ELISA result demonstrated that Mouse Anti-Rabbit IgG [Fc specific, Heavy Chain] mAb has highly specific recognition of Rat IgG while no or minimal cross reactivity to Rabbit IgM [Human IgG] Mouse IgG [Rat IgG]