

HRP conjugated Mouse anti-Rabbit IgG Heavy Chain mAb

Catalog NO.: AS122

Basic Information

Observed MW

55kDa//55kDa

Calculated MW

55kDa

Category

Secondary Antibodies

Applications

WB, ELISA

Cross-Reactivity

Rabbit

Conjugation

HRP

Clone 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

WB	1:10000-1:50000
ELISA	1:5000-1:10000

Immunogen Information

Gene ID	Swiss Prot
	P01870

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Mouse

Isotype

mouse IgG1

Purification

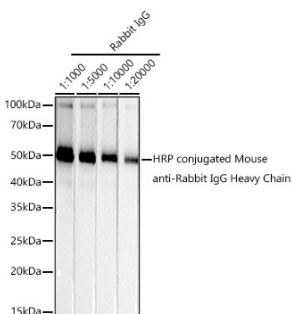
Affinity purification

Storage

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from Rabbit IgG using HRP conjugated Mouse anti-Rabbit IgG Heavy Chain mAb (AS122) at 1:1000-1:20000 dilution incubated overnight at 4°C.

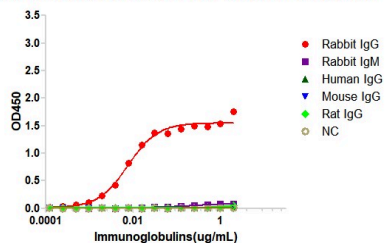
Lysates/proteins: 100ng per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.

Affinity of Mouse Anti-Rabbit IgG (Fc) mAb, HRP conjugated



Dose response curve of HRP conjugated Mouse Anti-Rabbit IgG (Fc) 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) mAb in a 2 fold serial dilution from 2 µg/mL to 1.22*10⁻⁴ pg/mL, incubation was performed at room temperature for 1 hour. The ELISA result demonstrated that Mouse Anti-Rabbit IgG (Fc) mAb has highly specific recognition of Rabbit IgG while no or minimal cross reactivity to Rabbit IgM、 Human IgG、 Mouse IgG、 Rat IgG.

