

HRP conjugated Mouse anti-Rabbit IgG Heavy Chain mAb

Catalog No.: AS122

Basic Information

Observed MW

55kDa//55kDa

Calculated MW

55kDa

Category

Secondary antibody

Applications

WB,ELISA

Cross-Reactivity

CloneNo number

AMC50001-HRP

Conjugate

HRP

Recommended Dilutions

WB	1:5000-1:20000
ELISA	1:5000-1:10000

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.

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

	400-999-6126
	cn.market@abclonal.com.cn
	www.abclonal.com.cn

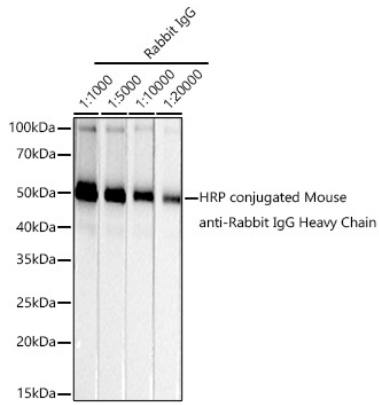
Product Information

Source	Isotype	Purification
Mouse	mouse IgG1	Affinity purification

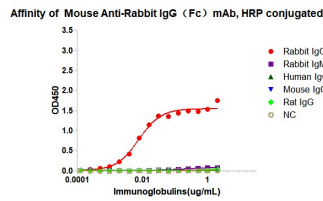
Storage

Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

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.



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.