

IgG Secondary Antibody | IGHG secondary antibody

HRP conjugated Mouse anti-Rabbit IgG Heavy Chain mAb

CATALOG # AAA283340	HOST Mouse	REACTIVITY Rabbit	APPLICATIONS ELISA, Western Blot
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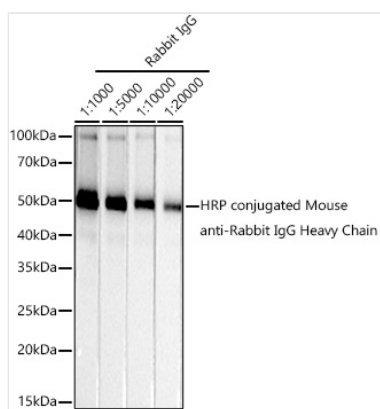
PRODUCT SYNONYMS

IgG; HRP conjugated Mouse anti-Rabbit IgG Heavy Chain mAb; IGHG secondary antibody

PRODUCT SPECIFICATIONS

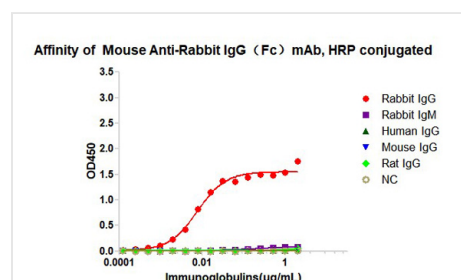
Host	Mouse
Reactivity	Rabbit
Isotype	Mouse IgG1
Purity/Purification	Affinity purification
Form/Format	PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.
Applicable Applications for IGHG secondary antibody	ELISA, WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 96-323 of rabbit IgG (Fc)(P01870).
Conjugation	HRP
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from Rabbit IgG using HRP conjugated Mouse anti-Rabbit IgG Heavy Chain mAb (AAA283340) 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.



Application Data

Dose response curve of HRP conjugated Mouse Anti-Rabbit IgG (Fc) mAb measured by ELISA. 1 ug/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 uL of HRP conjugated Mouse Anti-Rabbit IgG (Fc) mAb in a 2 fold serial dilution from 2 ug/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.

ADDITIONAL INFORMATION

Related Product Information for IGHG secondary antibody	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.
Product Categories/Family for IGHG secondary antibody	Immunology; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	121088
UniProt Accession #	P01870
Molecular Weight	Calculated MW: 55kDa Observed MW: 55kDa/55kDa
UniProt Protein Name	Ig gamma chain C region
UniProt Entry Name	IGHG_RABIT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-ighg-rabbit-secondary-antibody/igg/283340>