

IgG secondary antibody

HRP-conjugated Mouse anti-Rabbit IgG Light Chain mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283341	Mouse	Rabbit	ELISA, Immunoprecipitation

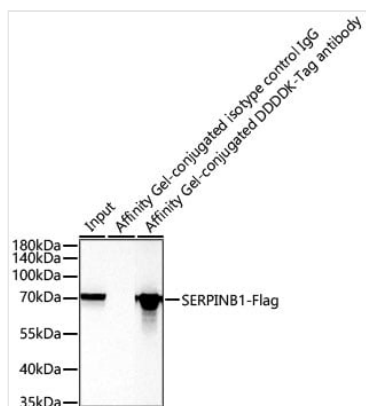
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

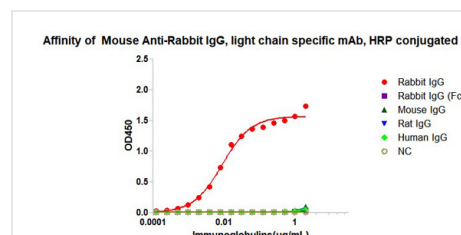
Host	Mouse
Reactivity	Rabbit
Isotype	IgG2b, kappa
Purity/Purification	Affinity purification
Form/Format	PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.
Applicable Applications for IgG secondary antibody	ELISA, IP (Immunoprecipitation)
Cross Reactivity	Human
Immunogen	Recombinant protein of rabbit IgG.
Conjugation	HRP
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation of SERPINB1-DYKDDDDK from 300 ug extracts of 293T cells transfected with a SERPINB1 expression vector containing a single N-terminal DYKDDDDK-Tag was performed using 30 ul of Affinity Gel-conjugated Rabbit anti DDDDK-Tag mAb (AE121). Affinity Gel-conjugated Rabbit Control IgG pAb was used to precipitate the Control IgG sample. IP samples were eluted with 1X Laemmli Buffer. The Input lane represents 10 % of the total input. Western blot analysis of immunoprecipitates was conducted using Rabbit anti DDDDK-Tag mAb (AE092) at a dilution of 1:5000. Secondary antibody: HRP-conjugated Mouse anti-Rabbit IgG Light Chain mAb (AAA283341) at 1:4000 dilution.



Application Data

Dose response curve of HRP conjugated Mouse Anti-Rabbit IgG, light chain specific 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, light chain specific mAb in a 2 fold serial dilution from 2 ug/mL to 6.1*10⁻⁵ pg/mL, incubation was performed at room temperature for 1 hour. The ELISA result demonstrated that Mouse Anti-Rabbit IgG, light chain specific mAb has highly specific recognition of Rabbit IgG while no or minimal cross reactivity to Rabbit IgG?Fc??Mouse IgG?Rat IgG?Human IgG.

ADDITIONAL INFORMATION

Related Product Information for IgG 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 IgG secondary antibody	Antibodies

NCBI AND UNIPROT INFORMATION

Molecular Weight	Observed MW: 68kDa
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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-rabbit-secondary-antibody/igg/283341>