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HRP-conjugated Mouse anti-Rabbit IgG Light Chain mAb

Catalog No.: AS126 **5 Publications**

Basic Information

Observed MW
25kDa

Calculated MW
25kDa

Category
Secondary antibody

Applications
WB,IP,ELISA

Cross-Reactivity

CloneNo number
AMC50031-HRP

Conjugate
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

IP	0.5μg-4μg antibody for 200μg-400μg extracts of whole cells
ELISA	1:5000-1:10000

Immunogen Information

Gene ID **Swiss Prot**

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

Synonyms

Contact

400-999-6126

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Product Information

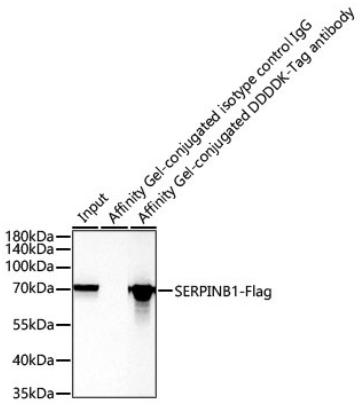
Source
Mouse

Isotype
IgG2b, kappa

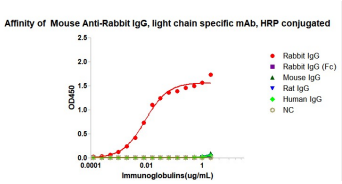
Purification
Affinity purification

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

Validation Data



Immunoprecipitation of SERPINB1-Flag from 300 µg extracts of 293T cells transfected with a SERPINB1 expression vector containing a single N-terminal Flag-Tag was performed using 30 µl 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 (AS126) at 1:4000 dilution.



Dose response curve of HRP conjugated Mouse Anti-Rabbit IgG, light chain specific 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, light chain specific mAb in a 2 fold serial dilution from 2 µg/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 with no or minimal cross reactivity to Rabbit IgG (Fc), Mouse IgG, Rat IgG, Human IgG.