

# HRP-conjugated Mouse anti-Rabbit IgG Light Chain mAb

Catalog No.: AS126 6 Publications

## Basic Information

### Observed MW

25 kDa

### Calculated MW

25 kDa

### Category

Secondary antibody

### Applications

WB, IP, ELISA

### Cross-Reactivity

Rabbit

### Clone/No. number

AMC50031-HRP

### Conjugate

HRP

## Recommended Dilutions

**WB** 1:1000 - 1:3000

**IP** 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

**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

### Immunogen

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

### Synonyms

## Contact

	400-999-6126
	<a href="mailto:cn.market@abclonal.com.cn">cn.market@abclonal.com.cn</a>
	<a href="http://www.abclonal.com.cn">www.abclonal.com.cn</a>

## Product Information

### Source

Mouse

### Isotype

IgG2b, kappa

### Purification

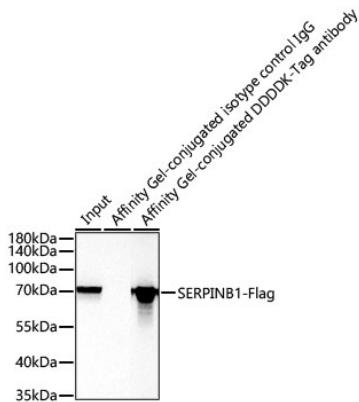
Affinity purification

### Storage

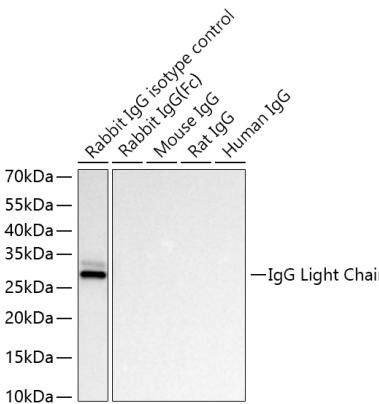
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH7.3.

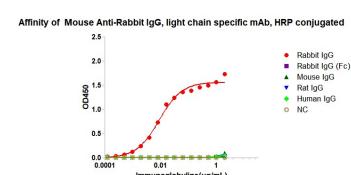
## Validation Data



Immunoprecipitation of SERPINB1-Flag from 300  $\mu$ g extracts of 293T cells transfected with a SERPINB1 expression vector containing a single N-terminal Flag-Tag was performed using 30  $\mu$ l 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.



Western blot analysis of lysates from Rabbit IgG isotype control cells using HRP-conjugated Mouse anti-Rabbit IgG Light Chain mAb (AS126) at 1:6000 dilution incubated overnight at 4°C.  
Lysates/proteins: 100ng  $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 45 s.



Dose response curve of HRP conjugated Mouse Anti-Rabbit IgG, light chain specific mAb measured by ELISA. 1  $\mu$ g/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  $\mu$ L of HRP conjugated Mouse Anti-Rabbit IgG, light chain specific mAb in a 2 fold serial dilution from 2  $\mu$ g/mL to  $6.1 \times 10^{-5}$  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

## Validation Data

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■Fc■■Mouse IgG■Rat IgG■Human IgG.