

# RAB27B Rabbit mAb

Catalog No.: A25816 **Recombinant**

## Basic Information

### Observed MW

25kDa

### Calculated MW

25kDa

### Category

Primary antibody

### Applications

WB,IF-P,IHC-P,ELISA

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC67005

## Background

Enables guanyl ribonucleotide binding activity; myosin V binding activity; and protein domain specific binding activity. Involved in multivesicular body sorting pathway and positive regulation of exocytosis. Located in Golgi stack and cytoplasmic vesicle.

## Recommended Dilutions

**WB** 1:1000 - 1:6000

**IF-P** 1:500 - 1:1000

**IHC-P** 1:800 - 1:4000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

5874

### Swiss Prot

O00194

### Immunogen

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

### Synonyms

C25KG

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

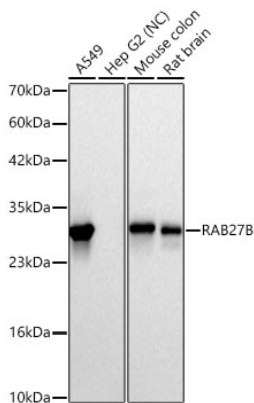
Affinity purification

### Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Western blot analysis of various lysates using RAB27B Rabbit mAb (A25816) at 1:1000 dilution incubated overnight at 4°C.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

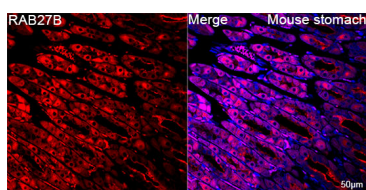
Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

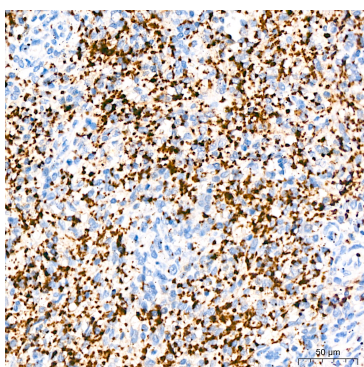
Detection: ECL Basic Kit (RM00020).

Negative control (NC): Hep G2

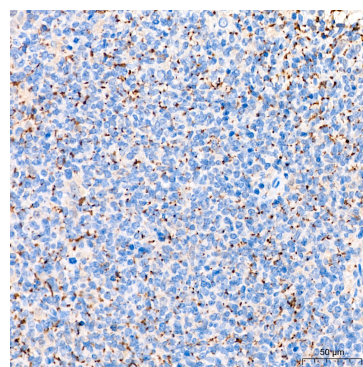
Exposure time: 10s.



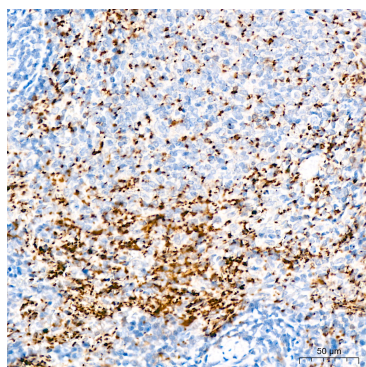
Confocal imaging of paraffin-embedded Mouse stomach tissue using RAB27B Rabbit mAb (A25816, dilution 1:500) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



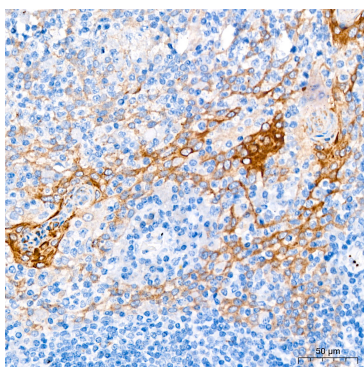
Immunohistochemistry analysis of paraffin-embedded Human spleen tissue using RAB27B Rabbit mAb (A25816) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



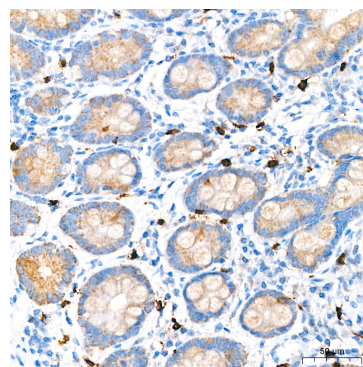
Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using RAB27B Rabbit mAb (A25816) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat spleen tissue using RAB27B Rabbit mAb (A25816) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using RAB27B Rabbit mAb (A25816) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human colon tissue using RAB27B Rabbit mAb (A25816) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.