

# elf3B Rabbit mAb

Catalog No.: A9143    Recombinant    1 Publications

## Basic Information

### Observed MW

116kDa

### Calculated MW

93kDa

### Category

Primary antibody

### Applications

WB, IF/ICC, ELISA

### Cross-Reactivity

Human, Mouse, Rat

### Clone/No. number

ARC1448

## Background

Enables RNA binding activity. Contributes to translation initiation factor activity. Involved in several processes, including IRES-dependent viral translational initiation; translational initiation; and viral translational termination-reinitiation. Located in extracellular exosome. Part of eukaryotic translation initiation factor 3 complex.

## Recommended Dilutions

WB                    1:500 - 1:1000

IF/ICC                1:50 - 1:200

ELISA                Recommended starting concentration is 1  $\mu$ g/mL.  
 Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

8662

### Swiss Prot

P55884

### Immunogen

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

### Synonyms

PRT1; EIF3S9; EIF3-ETA; EIF3-P110; EIF3-P116; elf3B

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

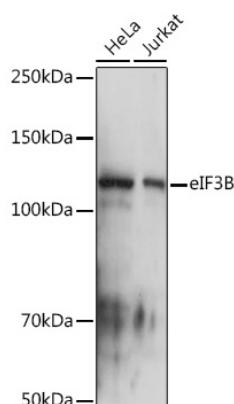
Affinity purification

### Storage

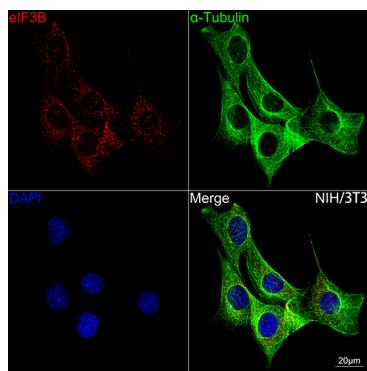
Store at -20°C. Avoid freeze / thaw cycles.

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.

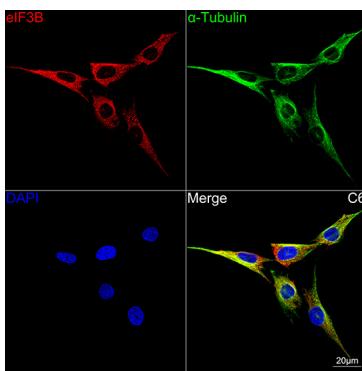
## Validation Data



Western blot analysis of various lysates using eIF3B Rabbit mAb (A9143) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 1s.



Confocal imaging of NIH/3T3 cells using eIF3B Rabbit mAb (A9143, dilution 1:100) followed by a further incubation with Cy3-conjugated Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with  $\alpha$ -Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Confocal imaging of C6 cells using eIF3B Rabbit mAb (A9143, dilution 1:100) followed by a further incubation with Cy3-conjugated Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with  $\alpha$ -Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.