

For Research Use Only

# PSMB3 Polyclonal antibody

Catalog Number: 15983-1-AP



## Basic Information

### Catalog Number:

15983-1-AP

### Size:

150ul, Concentration: 400 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG8784

### GenBank Accession Number:

BC013008

### GeneID (NCBI):

5691

### UNIPROT ID:

P49720

### Full Name:

proteasome (prosome, macropain) subunit, beta type, 3

### Calculated MW:

205 aa, 23 kDa

### Observed MW:

23-27 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:50-1:500

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Species Specificity:

human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

**WB**: Jurkat cells, HEK-293T cells, mouse testis tissue, rat testis tissue, HeLa cells, MCF-7 cells

**IHC**: human liver tissue,

**IF/ICC**: Jurkat cells,

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

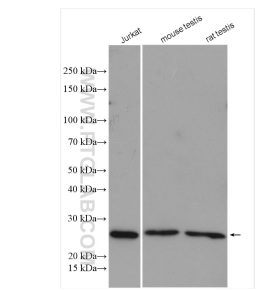
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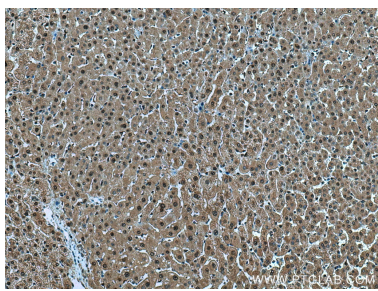
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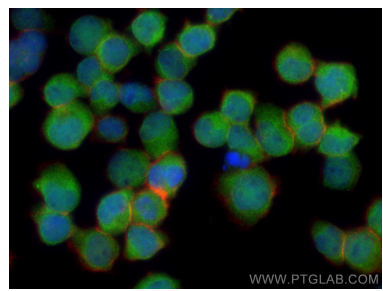
Selected Validation Data



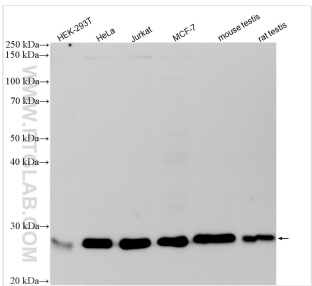
Various lysates were subjected to SDS PAGE followed by western blot with 15983-1-AP (PSMB3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 15983-1-AP (PSMB3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using PSMB3 antibody (15983-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



Various lysates were subjected to SDS PAGE followed by western blot with 15983-1-AP (PSMB3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.