

# PSMB3 Polyclonal antibody

Catalog Number: 15983-1-AP

## Basic Information

**Catalog Number:**

15983-1-AP

**Size:**

400 µg/ml

**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,

## Background Information

### Storage

**Storage:**

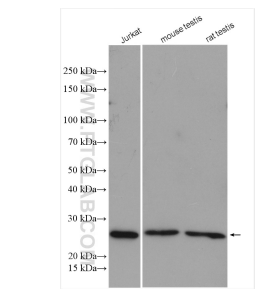
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

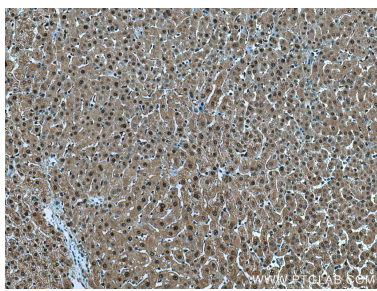
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

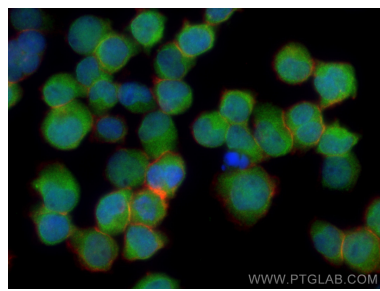
Selected Validation Data



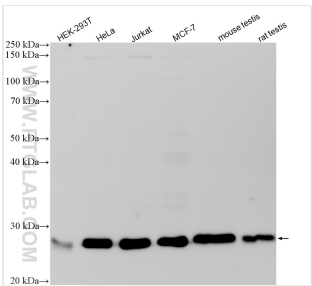
Various lysates were subjected to SDS PAGE followed by western blot with 15983-1-AP (PSMB3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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 AffiniPure 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.