

For Research Use Only

# PSMB9 Monoclonal antibody

Catalog Number: 67748-1-Ig



## Basic Information

<b>Catalog Number:</b> 67748-1-Ig	<b>GenBank Accession Number:</b> BC065513	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 5698	<b>CloneNo.:</b> 1C7C8
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P28065	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IHC 1:300-1:1200
<b>Isotype:</b> IgG2a	<b>Full Name:</b> proteasome (prosome, macropain) subunit, beta type, 9 (large multifunctional peptidase 2)	
<b>Immunogen Catalog Number:</b> AG6802	<b>Calculated MW:</b> 23 kDa	
	<b>Observed MW:</b> 20-23 kDa	

## Applications

**Tested Applications:**  
IHC, WB, ELISA

**Species Specificity:**  
Human, 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:** Raji cells, rat spleen tissue, Ramos cells, Daudi cells, HL-60 cells, THP-1 cells

**IHC:** human colon cancer tissue, human spleen tissue

## 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

For technical support and original validation data for this product please contact:

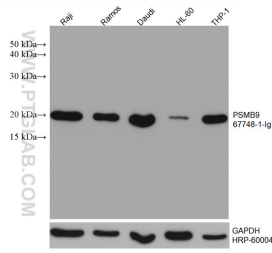
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

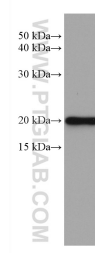
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67748-1-Ig (PSMB9 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



rat spleen tissue were subjected to SDS PAGE followed by western blot with 67748-1-Ig (PSMB9 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67748-1-Ig (PSMB9 antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).