

For Research Use Only

Multi-rAb® PSMB9 Multi-Recombinant antibody

Catalog Number: RMX00091



Basic Information

Catalog Number: RMX00091	GenBank Accession Number: BC065513	Purification Method: N/A
Size: 100ul , Concentration: 1020 µg/ml by Nanodrop;	GeneID (NCBI): 5698	Recommended Dilutions: WB: 1:5000-1:50000
Source: Rabbit	UNIPROT ID: P28065	
Isotype: IgG	Full Name: proteasome (prosome, macropain) subunit, beta type, 9 (large multifunctional peptidase 2)	
	Calculated MW: 23 kDa	
	Observed MW: 20-23 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HL-60 cells, mouse spleen tissue, rat spleen tissue
Species Specificity: human, mouse, rat	

Background Information

PSMB9, also named as LMP2, PSMB6i and RING12, belongs to the peptidase T1B family. The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. Replacement of PSMB6 by PSMB9 increases the capacity of the immunoproteasome to cleave model peptides after hydrophobic and basic residues. High expression of PSMB9 associated with the poor prognosis of patients with NPC.

Storage

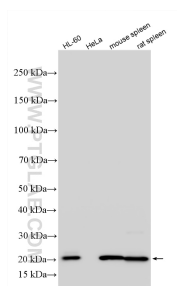
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with RMX00091 (PSMB9 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.