

Product Datasheet

LMP7/PSMB8 Antibody NBP1-51957

Unit Size: 0.1 mg

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

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NBP1-51957**LMP7/PSMB8 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

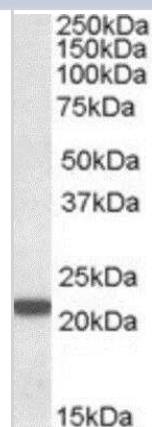
Product Description	
Host	Goat
Gene ID	5696
Gene Symbol	PSMB8
Species	Human
Specificity/Sensitivity	This antibody is expected to recognize both reported isoforms (NP_004150.1; NP_683720.2).
Immunogen	Peptide with sequence C-DVSDLLHQYREANQ corresponding to C-Terminus according to NP_683720.2.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.01 - 0.03 ug/ml, Immunohistochemistry 3.75 ug/ml, Immunohistochemistry-Paraffin 3.75 ug/ml, Peptide ELISA Detection limit 1:8000
Application Notes	WB: Approx. 22 kDa band observed in human liver, lung and lymph node lysates is reported in scientific literature (PMID: 10878350). Primary incubation was 1 hour. IHC: Paraffin embedded Human Spleen.

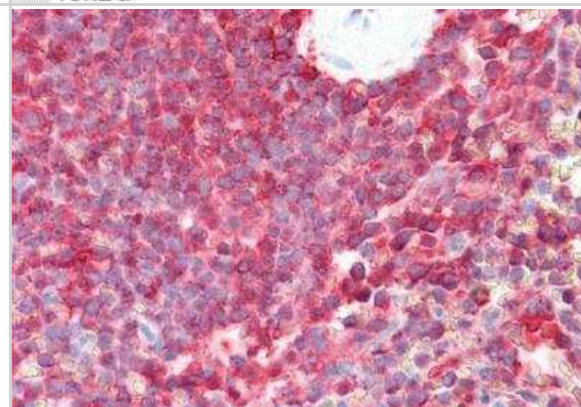


Images

Western Blot: LMP7/PSMB8 Antibody [NBP1-51957] - (0.01ug/ml) staining of Human Liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry-Paraffin: LMP7/PSMB8 Antibody [NBP1-51957] - (3.75ug/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Zerfas B, Trader D Synthesis and Application of an Activity Based Peptide Peptoid Hybrid Probe for the Immunoproteasome Current Protocols in Chemical Biology 2019-12-01 [PMID: 31860787] (WB, Human)

Deshpande A, Wheeler CM, Hunt WC et al. Variation in HLA class I antigen-processing genes and susceptibility to human papillomavirus type 16-associated cervical cancer. J Infect Dis 2008-02-01 [PMID: 18248301]

Schwarz K, van Den Broek M, Kostka S et al. Overexpression of the proteasome subunits LMP2, LMP7, and MECL-1, but not PA28 alpha/beta, enhances the presentation of an immunodominant lymphocytic choriomeningitis virus T cell epitope. J Immunol 2000-07-01 [PMID: 10878350]



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Products Related to NBP1-51957

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP2-23374	Recombinant Human LMP7/PSMB8 His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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