

Product Datasheet

LMP7/PSMB8 Antibody (1B3) - Azide and BSA Free H00005696-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00005696-M01

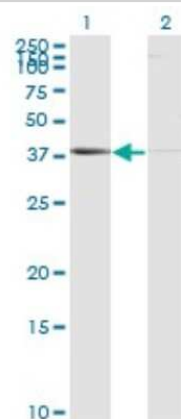
LMP7/PSMB8 Antibody (1B3) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1B3
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	5696
Gene Symbol	PSMB8
Species	Human
Specificity/Sensitivity	PSMB8 - proteasome (prosome, macropain) subunit, beta type, 8 (large multifunctional protease 7)
Immunogen	PSMB8 (AAH01114, 173 a.a. ~ 272 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. DKKGPGLYYVDEHGTRLSGNMFSTGSGNTYAYGVMDSGYRPNLSPEEAYDL GRRAIAYATHRDSYSGGVVNMYHMKEDGWVKVESTVDSDLLHQYREANQ
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:10-1:1000, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Antibody reactivity against recombinant protein for WB. It has also been used for IF, IHC-P and ELISA. Use in Immunohistochemistry reported in scientific literature (PMID: 27213585).

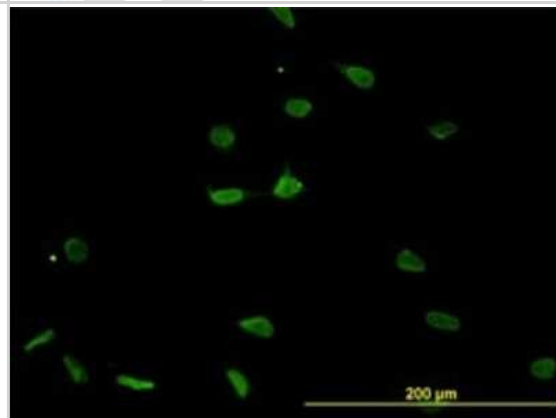


Images

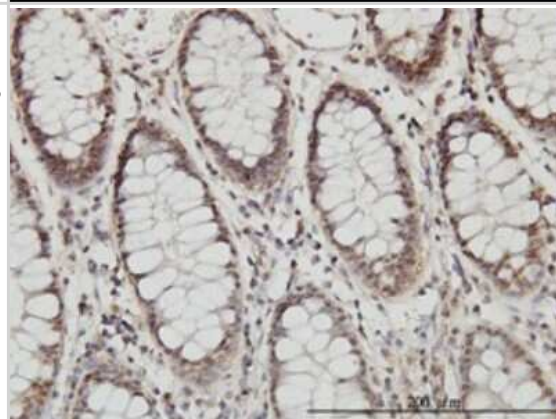
Western Blot: LMP7/PSMB8 Antibody (1B3) [H00005696-M01] - Analysis of PSMB8 expression in transfected 293T cell line by PSMB8 monoclonal antibody (M01), clone 1B3. Lane 1: PSMB8 transfected lysate (29.8 KDa). Lane 2: Non-transfected lysate.



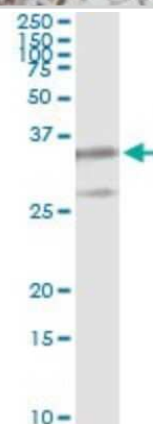
Immunocytochemistry/Immunofluorescence: LMP7/PSMB8 Antibody (1B3) [H00005696-M01] - Analysis of monoclonal antibody to PSMB8 on HeLa cell. Antibody concentration 10 ug/ml.



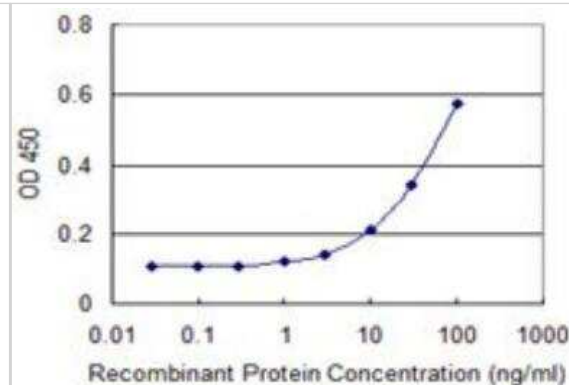
Immunohistochemistry-Paraffin: LMP7/PSMB8 Antibody (1B3) [H00005696-M01] - Analysis of monoclonal antibody to PSMB8 on formalin-fixed paraffin-embedded human colon. Antibody concentration 3 ug/ml.



Immunoprecipitation: LMP7/PSMB8 Antibody (1B3) [H00005696-M01] - Analysis of PSMB8 transfected lysate using anti-PSMB8 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with PSMB8 MaxPab rabbit polyclonal antibody.



ELISA: LMP7/PSMB8 Antibody (1B3) [H00005696-M01] - Detection limit for recombinant GST tagged PSMB8 is approximately 1ng/ml as a capture antibody.



Publications

Stelloo E, Versluis MA, Nijman HW et al. Microsatellite instability derived JAK1 frameshift mutations are associated with tumor immune evasion in endometrioid endometrial cancer. *Oncotarget*. 2016-06-28 [PMID: 27213585] (IF/IHC, Human)

Nijholt DA, de Graaf TR, van Haastert ES et al. Endoplasmic reticulum stress activates autophagy but not the proteasome in neuronal cells: implications for Alzheimer's disease. *Cell Death Differ* 2011-01-21 [PMID: 21252911]

Leffers N, Gooden MJ, Mokhova AA et al. Down-regulation of proteasomal subunit MB1 is an independent predictor of improved survival in ovarian cancer. *Gynecol Oncol* 2009-05-01 [PMID: 19243813] (IHC-P, Human)



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Products Related to H00005696-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
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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