

Product Datasheet

PX19 Antibody (7B4) H00027166-M01

Unit Size: 0.1 mg

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

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H00027166-M01

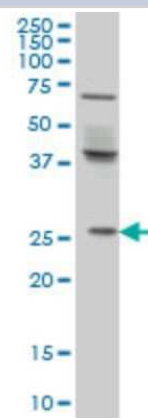
PX19 Antibody (7B4)

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	7B4
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	27166
Gene Symbol	PRELID1
Species	Human, Mouse
Reactivity Notes	Other species not tested.
Specificity/Sensitivity	PX19 - px19-like protein
Immunogen	PX19 (NP_037369, 3 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. KYFLGQSVLRSSWDQVFAAFWQRYPNPYSKHVLTEDIVHREVTPDQKLLSRRL LTKTNRMPRWAERLFPANVAHSVYVLEDSIVDPQNQTMTTFTWNI
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Antibody reactive against cell lysate, transfected lysate and recombinant protein for Western Blot. Has also been used for immunohistochemistry (paraffin) and ELISA.

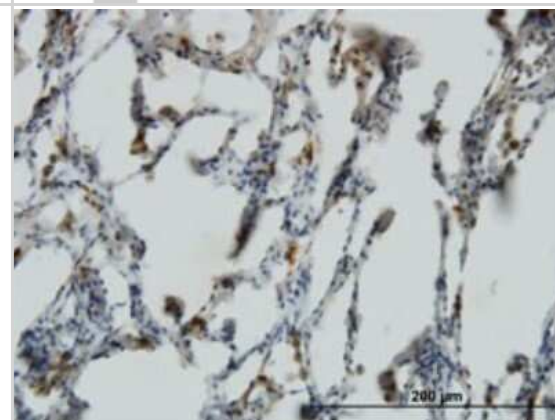


Images

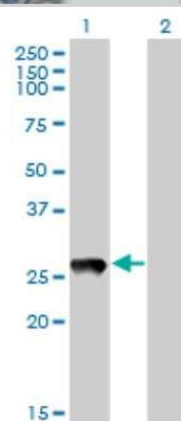
Western Blot: PX19 Antibody (7B4) [H00027166-M01] - PX19 monoclonal antibody (M01), clone 7B4 Analysis of PX19 expression in HeLa.



Immunohistochemistry-Paraffin: PX19 Antibody (7B4) [H00027166-M01] - Analysis of monoclonal antibody to PX19 on formalin-fixed paraffin-embedded human lung. Antibody concentration 3 ug/ml.



Western Blot: PX19 Antibody (7B4) [H00027166-M01] - Analysis of PX19 expression in transfected 293T cell line by PX19 monoclonal antibody (M01), clone 7B4. Lane 1: PX19 transfected lysate (25.2 KDa). Lane 2: Non-transfected lysate.



ELISA: PX19 Antibody (7B4) [H00027166-M01] - Detection limit for recombinant GST tagged PX19 is approximately 3ng/ml as a capture antibody.



Publications

Gulzar W, Hans-Georg S, Kristiano N et al. Metabolic control of adult neural stem cell self-renewal by the mitochondrial protease YME1L. Cell Rep. 2022-02-15 [PMID: 35172139]

Richter F, Dennerlein S, Nikolov M et al. ROMO1 is a constituent of the human presequence translocase required for YME1L protease import. J Cell Biol. 2019-03-01 [PMID: 30598479]

Sprenger HG, Wani G, Hesseling A et al. Loss of the mitochondrial i-AAA protease YME1L leads to ocular dysfunction and spinal axonopathy. EMBO Mol Med 2018-11-02 [PMID: 30389680]



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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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