

# 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**

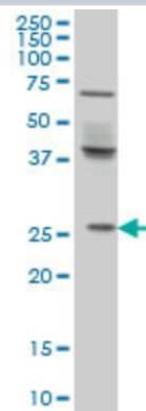
PX19 Antibody (7B4)

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	7B4
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	27166
<b>Gene Symbol</b>	PRELID1
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Other species not tested.
<b>Specificity/Sensitivity</b>	PX19 - px19-like protein
<b>Immunogen</b>	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
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
<b>Application Notes</b>	Antibody reactive against cell lysate, transfected lysate and recombinant protein for Western Blot. Has also been used for immunohistochemistry (paraffin) and ELISA.

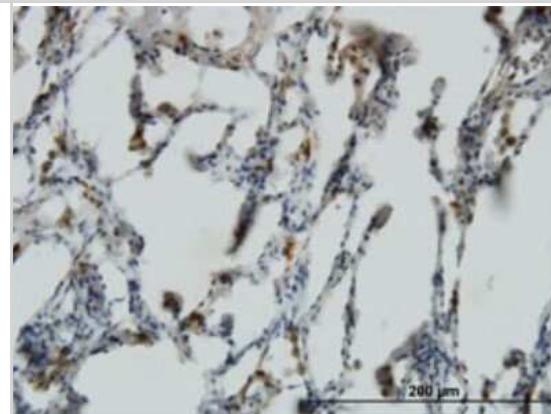


## Images

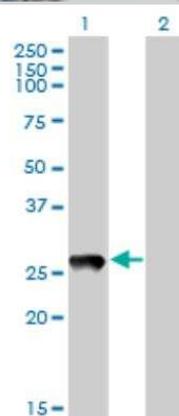
Western Blot: PX19 Antibody (7B4) [H00027166-M01] - PX19 monoclonal antibody (M01), clone 7B4 Analysis of PX19 expression in HeLa.



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, Hesselting 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.

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