

Product Datasheet

PDLIM7 Antibody (2D6) - Azide and BSA Free H00009260-M01

Unit Size: 0.1 mg

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

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H00009260-M01

PDLIM7 Antibody (2D6) - 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	2D6
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

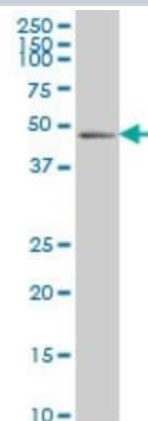
Product Description	
Description	Novus Biologicals Mouse PDLIM7 Antibody (2D6) - Azide and BSA Free (H00009260-M01) is a monoclonal antibody validated for use in WB, ELISA, ICC/IF and IP. Anti-PDLIM7 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	9260
Gene Symbol	PDLIM7
Species	Human, Rat
Specificity/Sensitivity	PDLIM7 - PDZ and LIM domain 7 (enigma)
Immunogen	PDLIM7 (AAH01093.1, 1 a.a. ~ 457 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MDSFKVVLEGPAPWGFRLQGGKDFNVPLSISRLTPGGKAAQAGVAVGDWVLS IDGENAGSLTHIEAQNKIRACGERLSLGLSRAQPVQSKPQKASAPAADPPRYTF APSVSLNKTARPFAGAPPPADSAPQQNGQPLRPLVPDASKQRLMENTEDWRPR PGTGQSRSFRIHLTGTEFMQDPDEEHLKKSSQVPRTEAPAPASSTPQEPW PGPTAPSPTSRRPPWAVDPAFAERYAPDKTSTVLTRHSQPATPTPLQSRTSIVQ AAAGGVPGGGSNNGKTPVCHQCHKVIRGRYLVALGHAYHPPEEFVCSQCGKVL EEGGFFEEKGAIFCPCPYDVRYAPSCAKCKKITGEIMHALKMTWHVHCFTCA ACKTPIRNFYMEEGVPYCERDYEKMFGTKCHGCDFKIDAGDRFLEALGFS WHDTCFVCAICQINLEGKTFYSKKDRPLCKSHAFSHV
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Sandwich ELISA, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:10-1:2000, Immunoprecipitation 1:10-1:500, Sandwich ELISA, Knockdown Validated
Application Notes	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunofluorescence, RNAi validation and ELISA.

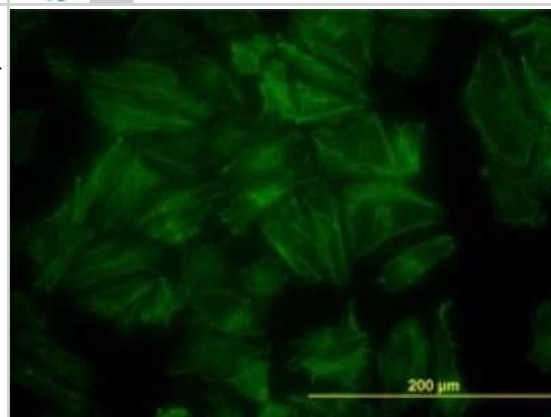


Images

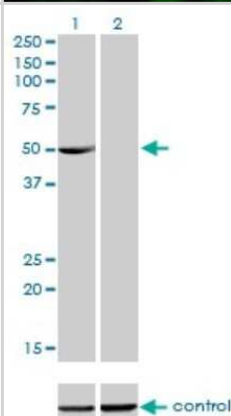
Western Blot: PDLIM7 Antibody (2D6) [H00009260-M01] - PDLIM7 monoclonal antibody (M01), clone 2D6 Analysis of PDLIM7 expression in HeLa S3 NE.



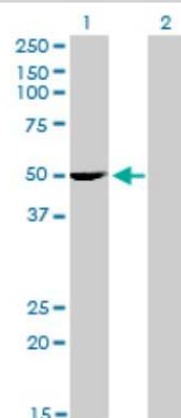
Immunocytochemistry/Immunofluorescence: PDLIM7 Antibody (2D6) [H00009260-M01] - Analysis of monoclonal antibody to PDLIM7 on HeLa cell. Antibody concentration 10 ug/ml.



Western Blot: PDLIM7 Antibody (2D6) [H00009260-M01] - Analysis of PDLIM7 over-expressed 293 cell line, cotransfected with PDLIM7 Validated Chimera RNAi (Cat # H00009260-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with PDLIM7 monoclonal antibody (M01), clone 2D6 (Cat # H00009260-M01). GAPDH (36.1 kDa) used as specificity and loading control.



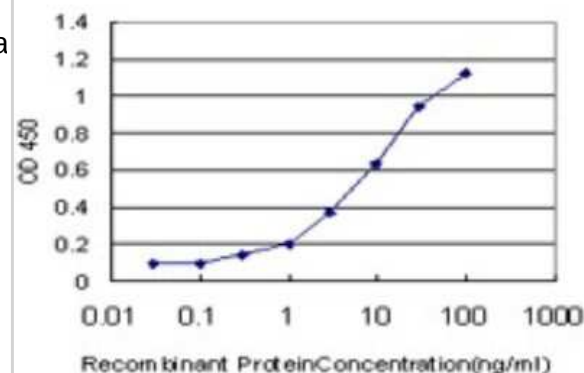
Western Blot: PDLIM7 Antibody (2D6) [H00009260-M01] - Analysis of PDLIM7 expression in transfected 293T cell line by PDLIM7 monoclonal antibody (M01), clone 2D6. Lane 1: PDLIM7 transfected lysate(49.8 KDa). Lane 2: Non-transfected lysate.



Immunoprecipitation: PDLIM7 Antibody (2D6) [H00009260-M01] - Analysis of PDLIM7 transfected lysate using anti-PDLIM7 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with PDLIM7 MaxPab rabbit polyclonal antibody.



Sandwich ELISA: PDLIM7 Antibody (2D6) [H00009260-M01] - Detection limit for recombinant GST tagged PDLIM7 is approximately 0.3ng/ml as a capture antibody.



Publications

Herrick S, Evers DM, Lee JY et al. Postsynaptic PDLIM5/Enigma Homolog binds SPAR and causes dendritic spine shrinkage. Mol Cell Neurosci. 2009-11-10 [PMID: 19900557]

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Products Related to H00009260-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00009260-P01-10ug	Recombinant Human PDLIM7 GST (N-Term) 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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