

Product Datasheet

Protocadherin-1 Antibody (5D5) - Azide and BSA Free H00005097-M01

Unit Size: 0.1 mg

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

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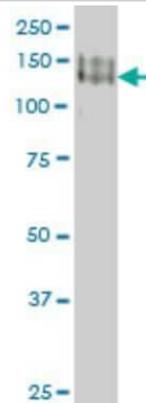
H00005097-M01

Protocadherin-1 Antibody (5D5) - Azide and BSA Free

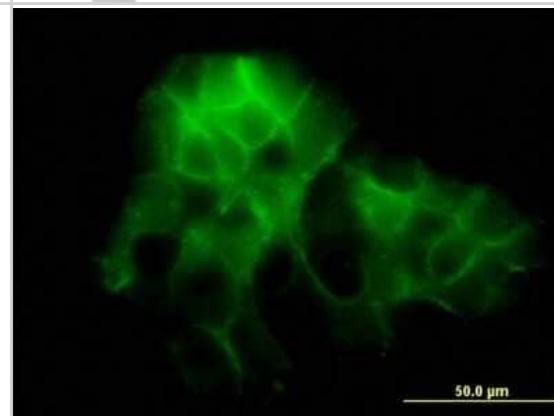
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5D5
Preservative	No Preservative
Isotype	IgG1 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	5097
Gene Symbol	PCDH1
Species	Human
Specificity/Sensitivity	PCDH1 - protocadherin 1 (cadherin-like 1)
Immunogen	PCDH1 (NP_002578 62 a.a. - 169 a.a.) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. YKVPPEEQPPNTLIGSLAADYGFPDVGHLYKLEVGAPYLRVDGKTGDIFTTETSID REGLRECQNQLPGDPCILEFEVSITDLVQNGSPRLLEGQIEVQDINDNTPNFA
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
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF, IHC-P and ELISA.

Images

Western Blot: Protocadherin-1 Antibody (5D5) [H00005097-M01] - PCDH1 monoclonal antibody (M01), clone 5D5 Analysis of PCDH1 expression in A-431.



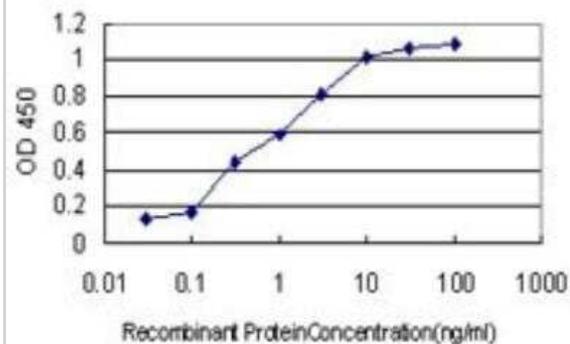
Immunocytochemistry/Immunofluorescence: Protocadherin-1 Antibody (5D5) [H00005097-M01] - Analysis of monoclonal antibody to PCDH1 on A-431 cell. Antibody concentration 10 ug/ml.



Immunohistochemistry-Paraffin: Protocadherin-1 Antibody (5D5) [H00005097-M01] - Analysis of monoclonal antibody to PCDH1 on formalin-fixed paraffin-embedded human salivary gland. Antibody concentration 3 ug/ml.



ELISA: Protocadherin-1 Antibody (5D5) [H00005097-M01] - Detection limit for recombinant GST tagged PCDH1 is approximately 0.03ng/ml as a capture antibody.



Publications

Kanako F, Masafumi T, Nana H et al. Protocadherin-1 is expressed in the notochord of mouse embryo but is dispensable for its formation. *Biochem Biophys Res.* 2021-06-15 [PMID: 34189280]

Faura Tellez G, Willemse BW, Brouwer U et al. Protocadherin-1 Localization and Cell-Adhesion Function in Airway Epithelial Cells in Asthma. *PLoS One* 2016-10-04 [PMID: 27701444]

Koppelman GH, Meyers DA, Howard TD et al. Identification of PCDH1 as a novel susceptibility gene for bronchial hyperresponsiveness. *Am J Respir Crit Care Med.* 2009-09-03 [PMID: 19729670]





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Products Related to H00005097-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)
H00005097-P01-10ug	Recombinant Human Protocadherin-1 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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