

PCDH1 Antibody (monoclonal) (M05)

Mouse monoclonal antibody raised against a partial recombinant PCDH1.

Catalog # AT3211a

Specification

PCDH1 Antibody (monoclonal) (M05) - Product Information

Application	WB
Primary Accession	Q08174
Other Accession	NM_002587
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	114743

PCDH1 Antibody (monoclonal) (M05) - Additional Information

Gene ID 5097

Other Names

Protocadherin-1, Cadherin-like protein 1, Protocadherin-42, PC42, PCDH1

Target/Specificity

PCDH1 (NP_002578, 62 a.a. ~ 169 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

PCDH1 Antibody (monoclonal) (M05) is for research use only and not for use in diagnostic or therapeutic procedures.

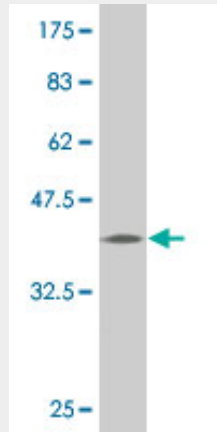
PCDH1 Antibody (monoclonal) (M05) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PCDH1 Antibody (monoclonal) (M05) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.62 kDa) .

PCDH1 Antibody (monoclonal) (M05) - Background

This gene belongs to the protocadherin subfamily within the cadherin superfamily. The encoded protein is a membrane protein found at cell-cell boundaries. It is involved in neural cell adhesion, suggesting a possible role in neuronal development. The protein includes an extracellular region, containing 7 cadherin-like domains, a transmembrane region and a C-terminal cytoplasmic region. Cells expressing the protein showed cell aggregation activity. Alternative splicing occurs in this gene.

PCDH1 Antibody (monoclonal) (M05) - References

Identification of PCDH1 as a novel susceptibility gene for bronchial hyperresponsiveness. Koppelman GH, et al. *Am J Respir Crit Care Med*, 2009 Nov 15. PMID 19729670. Signal sequence and keyword trap in silico for selection of full-length human cDNAs encoding secretion or membrane proteins from oligo-capped cDNA libraries. Otsuki T, et al. *DNA Res*, 2005. PMID 16303743. Immunoaffinity profiling of tyrosine phosphorylation in cancer cells. Rush J, et al. *Nat Biotechnol*, 2005 Jan. PMID 15592455. Phosphoproteomic analysis of the developing mouse brain. Ballif BA, et al. *Mol Cell Proteomics*, 2004 Nov. PMID 15345747. Functional proteomics mapping of a human signaling pathway. Colland F, et al. *Genome Res*, 2004 Jul. PMID 15231748.