10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PCDH7 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant PCDH7.
Catalog # AT3215a

Specification

PCDH7 Antibody (monoclonal) (M01) - Product Information

Application	**WB, E**
Primary Accession	O60245
Other Accession	NM_002589
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**116071**

PCDH7 Antibody (monoclonal) (M01) - Additional Information

Gene ID 5099

Other Names
Protocadherin-7, Brain-heart protocadherin, BH-Pcdh, PCDH7, BHPCDH

Target/Specificity
PCDH7 (NP_002580, 31 a.a. ~ 124 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000
E~~N/A

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
PCDH7 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

PCDH7 Antibody (monoclonal) (M01) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot

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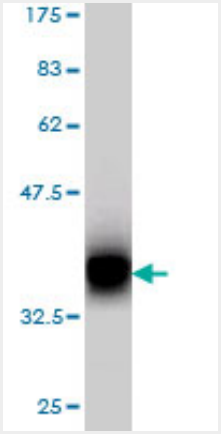
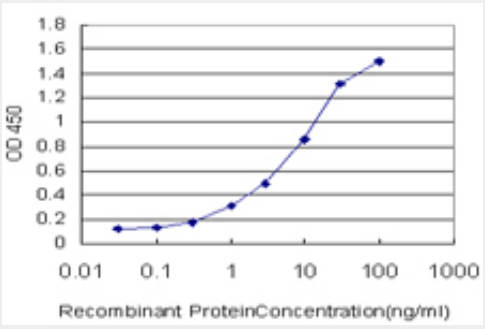
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PCDH7 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.08 KDa) .



Detection limit for recombinant GST tagged PCDH7 is approximately 0.3ng/ml as a capture antibody.

PCDH7 Antibody (monoclonal) (M01) - Background

This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The gene encodes a protein with an extracellular domain containing 7 cadherin repeats. The gene product is an integral membrane protein that is thought to function in cell-cell recognition and adhesion. Alternative splicing yields isoforms with unique cytoplasmic tails.

PCDH7 Antibody (monoclonal) (M01) - References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.Genome-wide analysis of survival in early-stage non-small-cell lung cancer. Huang YT, et al. J Clin Oncol, 2009 Jun 1. PMID 19414679.Global, in vivo, and site-specific phosphorylation dynamics in signaling networks. Olsen JV, et al. Cell, 2006 Nov 3. PMID 17081983.Immunoaffinity profiling of tyrosine phosphorylation in cancer cells. Rush J, et al. Nat Biotechnol, 2005 Jan. PMID 15592455.Large-scale characterization of HeLa cell nuclear phosphoproteins. Beausoleil SA, et al. Proc Natl Acad Sci U S A, 2004 Aug 17. PMID 15302935.