

PCDH8 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant PCDH8.****Catalog # AT3216a****Specification**

PCDH8 Antibody (monoclonal) (M01) - Product Information

Application	WB, IHC, E
Primary Accession	O95206
Other Accession	NM_002590
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	113019

PCDH8 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 5100**Other Names**

Protocadherin-8, Arcadlin, PCDH8

Target/Specificity

PCDH8 (NP_002581, 32 a.a. ~ 120 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IHC~~1:100~500

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

PCDH8 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

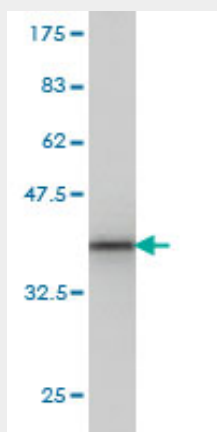
PCDH8 Antibody (monoclonal) (M01) - Protocols

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

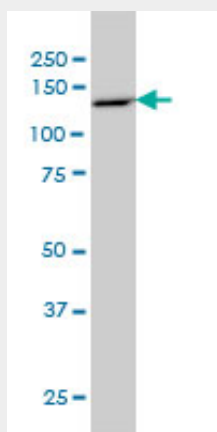
- [Western Blot](#)
- [Blocking Peptides](#)

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

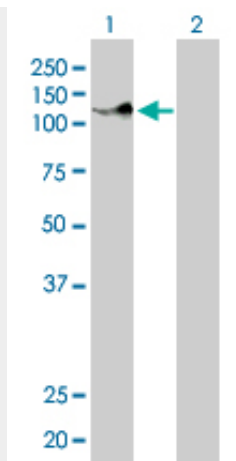
PCDH8 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.53 kDa) .



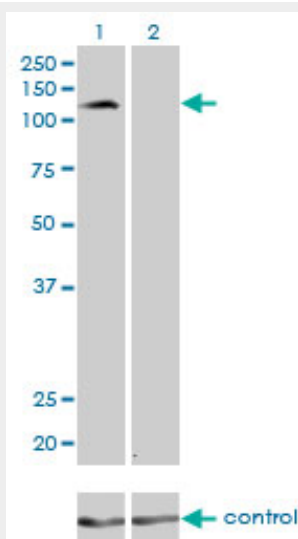
PCDH8 monoclonal antibody (M01), clone 6A8 Western Blot analysis of PCDH8 expression in COLO 320 HSR ((Cat # AT3216a)



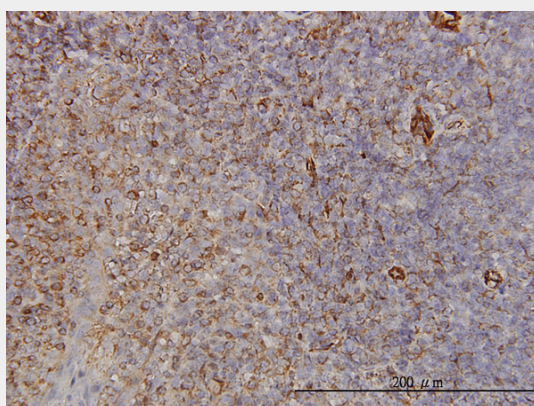
Western Blot analysis of PCDH8 expression in transfected 293T cell line by PCDH8 monoclonal antibody (M01), clone 6A8.

Lane 1: PCDH8 transfected lysate(113 KDa).

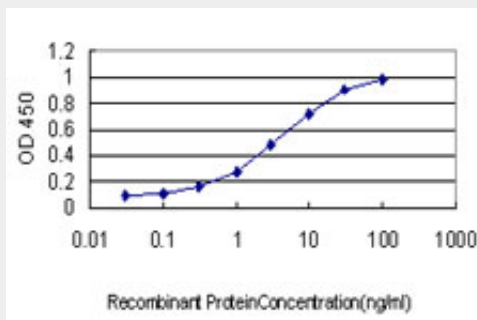
Lane 2: Non-transfected lysate.



Western blot analysis of PCDH8 over-expressed 293 cell line, cotransfected with PCDH8 Validated Chimera RNAi (Cat # AT3216a)



Immunoperoxidase of monoclonal antibody to PCDH8 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged PCDH8 is approximately 0.1ng/ml as a capture antibody.

PCDH8 Antibody (monoclonal) (M01) - Background

This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The gene encodes an integral membrane protein that is thought to function in cell adhesion in a CNS-specific manner. Unlike classical cadherins, which are generally encoded by 15-17 exons, this gene includes only 3 exons. Notable is the large first exon encoding the extracellular region, including 6 cadherin domains and a transmembrane region. Alternative splicing yields isoforms with unique cytoplasmic tails.

PCDH8 Antibody (monoclonal) (M01) - References

1. Identification of Cell Surface Targets through Meta-analysis of Microarray Data. Haeberle H, Dudley JT, Liu JT, Butte AJ, Contag CH. *Neoplasia* (2012) 14, 666-676