

# PCDH8 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant PCDH8.

Catalog # AT3216a

## Product Information

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|                   |                           |
|-------------------|---------------------------|
| Application       | WB, IHC, E                |
| Primary Accession | <a href="#">O95206</a>    |
| Other Accession   | <a href="#">NM_002590</a> |
| Reactivity        | Human                     |
| Host              | mouse                     |
| Clonality         | monoclonal                |
| Isotype           | IgG1 Kappa                |
| Clone Names       | 6A8                       |
| Calculated MW     | 113019                    |

## Additional Information

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|                    |                                                                                                                     |
|--------------------|---------------------------------------------------------------------------------------------------------------------|
| 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. |

## Background

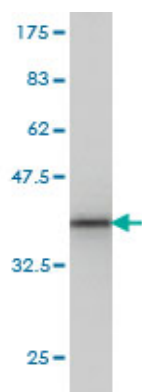
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This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The gene encodes an integral membrane protein that is thought to function in cell adhesion in a CNS-specific manner. Unlike classical cadherins, which are 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.

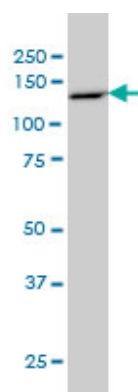
## References

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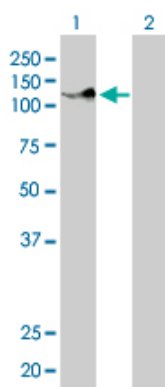
1.Identification of Cell Surface Targets through Meta-analysis of Microarray Data.Haeberle H, Dudley JT, Liu JT, Butte AJ, Contag CH.Neoplasia (2012) 14, 666?V669



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

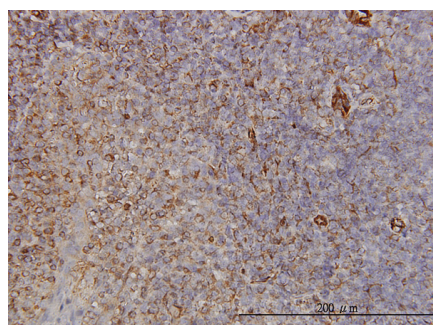


PCDH8 monoclonal antibody (M01), clone 6A8 Western Blot analysis of PCDH8 expression in COLO 320 HSR ( (Cat # AT3216a )



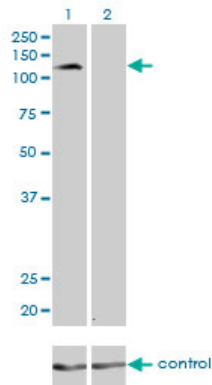
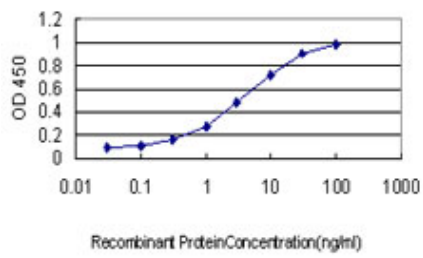
Western Blot analysis of PCDH8 expression in transfected 293T cell line by PCDH8 monoclonal antibody (M01), clone 6A8.

Lane 1: PCDH8 transfected lysate(113 KDa).  
Lane 2: Non-transfected lysate.



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.



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.