

PCDH9
Purified Mouse Monoclonal Antibody
Catalog # AO2550a**Specification**

PCDH9 - Product Information

Application	E, WB, ICC
Primary Accession	Q9HC56
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Calculated MW	136kDa KDa

Immunogen

Purified recombinant fragment of human PCDH9 (AA: 24-148) expressed in E. Coli.

Formulation

Purified antibody in PBS with 0.05% sodium azide

PCDH9 - Additional Information

Gene ID 5101

Dilution

E~~ 1/10000
WB~~ 1/500 - 1/2000
ICC~~ 1/50- 1/250

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PCDH9 is for research use only and not for use in diagnostic or therapeutic procedures.

PCDH9 - Protein Information

Name PCDH9

Function

Potential calcium-dependent cell-adhesion protein.

Cellular Location

Cell membrane; Single-pass type I membrane protein

PCDH9 - 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](#)

PCDH9 - Images

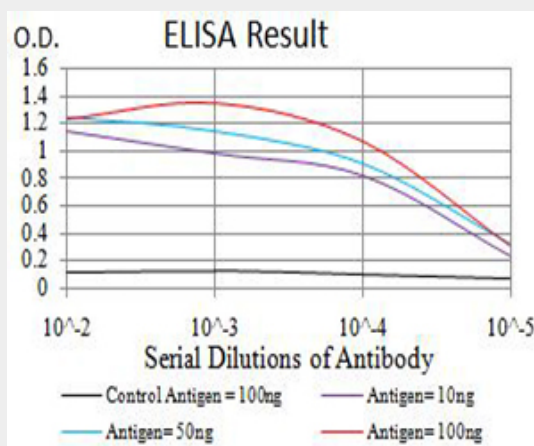


Figure 1: Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

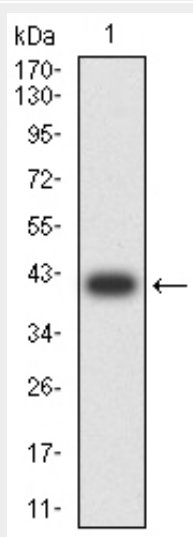


Figure 2: Western blot analysis using PCDH9 mAb against human PCDH9 (AA: 24-148) recombinant protein. (Expected MW is 40 kDa)

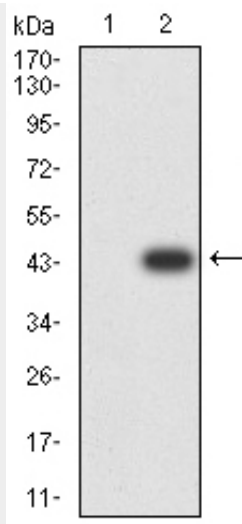


Figure 3: Western blot analysis using PCDH9 mAb against HEK293 (1) and PCDH9 (AA: 24-148)-hlgGFc transfected HEK293 (2) cell lysate.

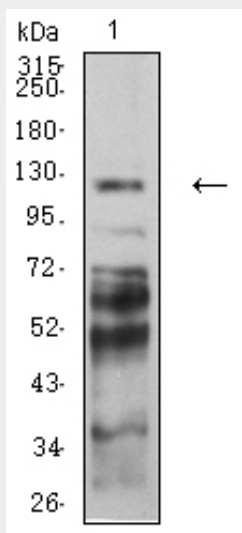


Figure 4: Western blot analysis using PCDH9 mouse mAb against C6 (1) cell lysate.

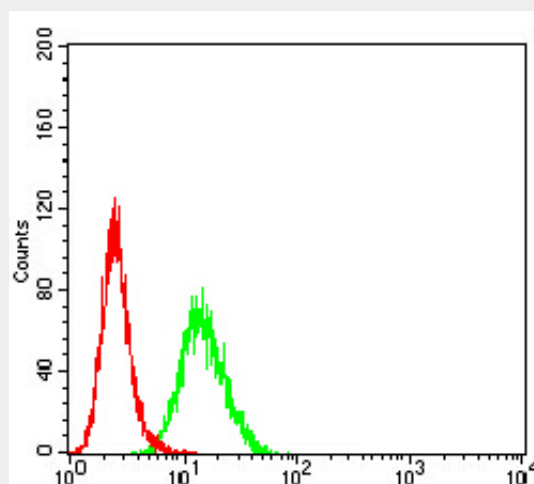


Figure 6: Flow cytometric analysis of HeLa cells using PCDH9 mouse mAb (green) and negative control (red).

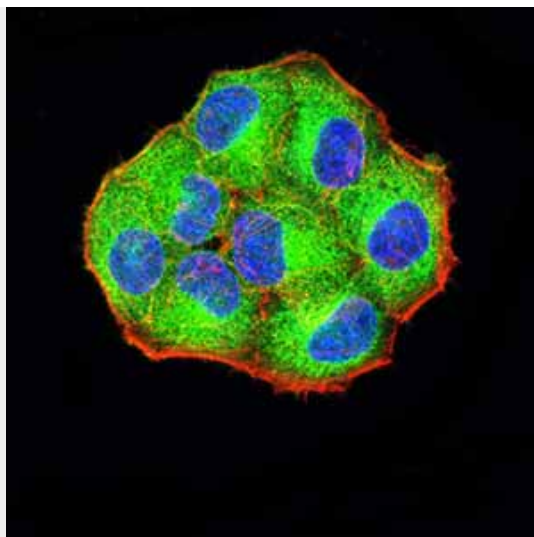


Figure 5: Immunofluorescence analysis of HeLa cells using PCDH9 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

PCDH9 - References

1. Clin Exp Metastasis. 2015 Jun;32(5):417-28. 2. J Clin Neurosci. 2012 Apr;19(4):541-5.