



# Mouse anti-Human PCDH1 monoclonal antibody, clone 3F9 (CABT-B10900)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	PCDH1 (NP_002578, 62 a.a. ~ 170 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	3F9
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,IP,ELISA
<b>Sequence Similarities</b>	YKVPEEQPPNTLIGSLAADYGFPDVGHLYKLEVGAPYL RVDGKTGDIFTTETSIDREGLRECQNQ LPGDPCILEFEVSITDLVQNGSPRLLEGQIEVQDINDNTPNFA*
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In 1x PBS, pH 7.2
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## BACKGROUND

**Introduction** 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. [provided by RefSeq, Jul 2008]

**Keywords** PCDH1; protocadherin 1; PC42; PCDH42; protocadherin-1; cadherin-like 1; protocadherin 42;

## GENE INFORMATION

Entrez Gene ID	<a href="#">5097</a>
UniProt ID	<a href="#">Q08174</a>
Function	calcium ion binding

---