

## PCDH11Y Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant PCDH11Y.

Catalog # AT3213a

### Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q9BZA8</a>
<b>Other Accession</b>	<a href="#">NM_032973</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG2a Kappa
<b>Clone Names</b>	7D12
<b>Calculated MW</b>	146775

### Additional Information

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<b>Gene ID</b>	83259
<b>Other Names</b>	Protocadherin-11 Y-linked, Protocadherin-11, Protocadherin on the Y chromosome, PCDH-Y, Protocadherin prostate cancer, Protocadherin-PC, Protocadherin-22, PCDH11Y, PCDH11, PCDH22, PCDHY
<b>Target/Specificity</b>	PCDH11Y (NP_004733, 57 a.a. ~ 165 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 E~~N/A
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	PCDH11Y Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

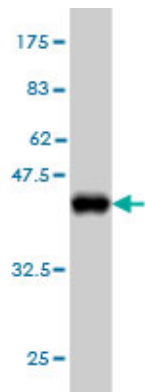
### Background

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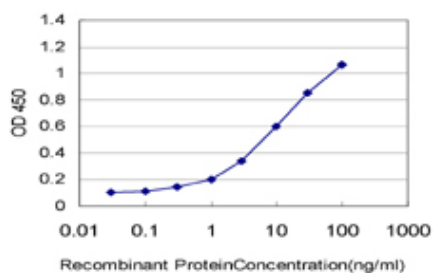
This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The encoded protein consists of an extracellular domain containing 7 cadherin repeats, a transmembrane domain and a cytoplasmic tail that differs from those of the classical cadherins. The gene is located in a major X/Y block of homology and its most closely related cadherin superfamily member is located in this homologous region on the X chromosome. The protein is thought to play a fundamental role in cell-cell recognition essential for the segmental development and function of the central nervous system. Transcripts arising from alternative splicing encode isoforms with N- and C-terminal variation. [provided by RefSeq]

### Images

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Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 KDa) .



Detection limit for recombinant GST tagged PCDH11Y is approximately 0.3ng/ml as a capture antibody.

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