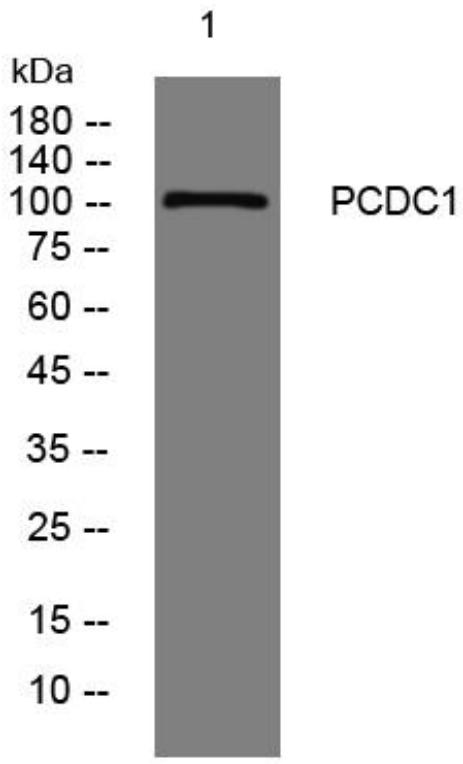
PCDC1 mouse mAb

Catalog No	BYmab-08152
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	PCDHAC1
Protein Name	PCDC1
Immunogen	Synthesized peptide derived from human PCDC1 AA range: 350-400
Specificity	This antibody detects endogenous levels of PCDC1 at Human
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.267% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Protocadherin alpha-C1 (PCDH-alpha-C1)
Observed Band	105kD
Cell Pathway	Cell membrane ; Single-pass type I membrane protein .
Tissue Specificity	Brain,Placenta,
Function	alternative products:Additional isoforms seem to exist,function:Potential calcium-dependent cell-adhesion protein. May be involved in the establishment and maintenance of specific neuronal connections in the brain.,similarity:Contains 6 cadherin domains.,
Background	This gene is a member of the protocadherin alpha gene cluster, one of three related gene clusters tandemly linked on chromosome five that demonstrate an unusual genomic organization similar to that of B-cell and T-cell receptor gene clusters. The alpha gene cluster is composed of 15 cadherin superfamily genes related to the mouse CNR genes and consists of 13 highly similar and 2 more distantly related coding sequences. The tandem array of 15 N-terminal exons, or variable exons, are followed by downstream C-terminal exons, or constant exons,

	which are shared by all genes in the cluster. The large, uninterrupted N-terminal exons each encode six cadherin ectodomains while the C-terminal exons encode the cytoplasmic domain. These neural cadherin-like cell adhesion proteins are integral plasma membrane proteins that most likely play a critical role in the establishment and function of specific cell-cell connections in the brain. Alternative splicing has been observed and additional variants have been suggested but their full-length nature has yet to be determined. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using PCDC1 mouse mAb