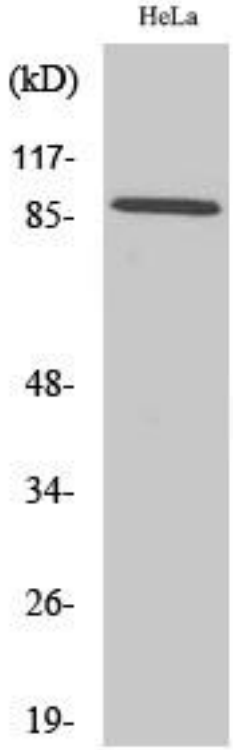
Cadherin-18 Monoclonal Antibody

Catalog No	BYmab-16928
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	CDH18
Protein Name	Cadherin-18
Immunogen	The antiserum was produced against synthesized peptide derived from human CDH18. AA range:101-150
Specificity	Cadherin-18 Monoclonal Antibody detects endogenous levels of Cadherin-18 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% 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	CDH18; CDH14; Cadherin-18; Cadherin-14
Observed Band	88kD
Cell Pathway	Cell membrane; Single-pass type I membrane protein.
Tissue Specificity	Brain,Cerebellum,
Function	function:Cadherins are calcium dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types.,similarity:Contains 5 cadherin domains.,
Background	This gene encodes a type II classical cadherin from the cadherin superfamily of integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Mature cadherin proteins are composed of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small, highly conserved C-terminal cytoplasmic domain. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I

	cadherins. This particular cadherin is expressed specifically in the central nervous system and is putatively involved in synaptic adhesion, axon outgrowth and guidance. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2014],
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 Cadherin-18 Monoclonal Antibody