



OB-cadherin Monoclonal Antibody

Catalog No	YP-mAb-17060
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CDH11
Immunogen	The antiserum was produced against synthesized peptide derived from human CDH11. AA range:421-470
Specificity	OB-cadherin Monoclonal Antibody detects endogenous levels of OB-cadherin 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	OB;ESWS;CAD11;CDHOB;OSF-4;TBHS2;CDH11;OB-cadherin;Cadherin-11;Osteoblast cadherin
Observed Band	85kD
Calculated Molecular Weight	85kD
Cell Pathway	Cell membrane; Single-pass type I membrane protein.
Tissue Specificity	Expressed mainly in brain but also found in other tissues. Expressed in neuroblasts.
Function	function:Cadherins are calcium dependent cell adhesion proteins., 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.,tissue specificity:Expressed mainly in brain but also found in other tissues. Expressed in neuroblasts.,
Background	This gene encodes a type II classical cadherin from the cadherin superfamily, 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. Expression of this particular cadherin in osteoblastic cell lines, and its upregulation during differentiation, suggests a specific function in bone development and maintenance. [provided by RefSeq, Jul 2008],

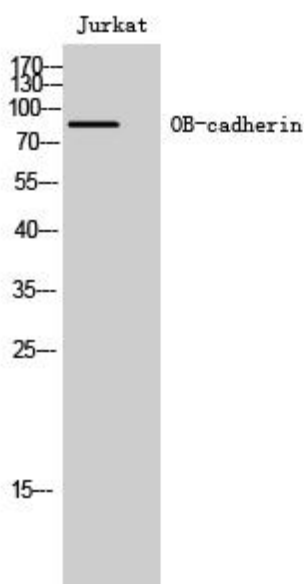
matters needing attention

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 OB-cadherin Monoclonal Antibody