

Immunotag™ OB-cadherin Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT3224
Product Description	Immunotag™ OB-cadherin Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	OB-cadherin
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human CDH11. AA range:421-470
Specificity	OB-cadherin Polyclonal Antibody detects endogenous levels of OB-cadherin protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	CDH11
Accession No.	P55287 P55288
Alternate Names	CDH11; Cadherin-11; OSF-4; Osteoblast cadherin; OB-cadherin

Antibody Specification

Description	cadherin 11(CDH11) Homo sapiens 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],
Cell Pathway/ Category	Adherens_Junction
Protein Expression	Brain,Fetal brain,Osteosarcoma,
Subcellular Localization	cytoplasm,plasma membrane,membrane,integral component of membrane,extracellular exosome,
Protein 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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.