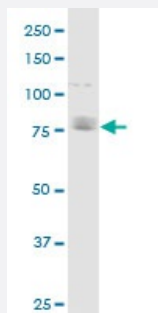


CDH11 monoclonal antibody (M07), clone 1A1

Catalog # H00001009-M07

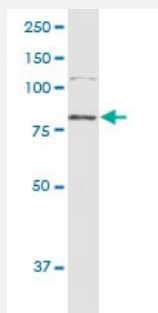
Size 100 ug

Applications



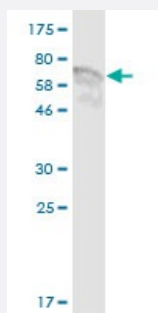
Western Blot (Tissue lysate)

CDH11 monoclonal antibody (M07), clone 1A1. Western Blot analysis of CDH11 expression in human kidney.



Western Blot (Tissue lysate)

CDH11 monoclonal antibody (M07), clone 1A1. Western Blot analysis of CDH11 expression in human ovarian cancer.



Western Blot detection against Immunogen (61.49 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant CDH11.

Immunogen

CDH11 (AAH13609.1, 54 a.a. ~ 612 a.a) partial recombinant protein with GST tag.

Sequence	GWVWNQFFVIEEYTGPDPLVGRHLHSDIDSGDGNIKYILSGEGAGTIFVIDDKSGNIHATKTLDREE RAQYTLMAQAVDRDTPNRLEPPSEFIVKVQDINDNPPEFLHETYHANVPERSNVGTSVIQVTASDA DDPTYGNSAKLVYSILEGQPYFSVEAQTGIIRLTALPNMDREAKEYHVVIQAKDMGGHMGGLSGTT KVMITLTDVNDNPPKFPQSVYQMSVSEAAVPGEEVGRVKAKDPDIGENGLVTYNVDGDGMESF EITTDYETQEGVIKLLKPPVDFETKRAYSLKVEAANVHIDPKFISNGPFKDTVTVKIAVEDADEPPMF LAPSYIHEVQENAAAGTVVGRVHAKDPDAANSPIRYSIDRHTDLDRFFTINPEDGFIKTTKPLDREE TAWLNTVFAAEIHNRHQEAKVPVAIRVLDVNDNAPKFAAPYEGFICESDQTKPLSNQPIVTISADD KDDTANGPRFIFSLPPEIIHNPNFTVRDNRDNTAGVYARRGGFSRQKQDLYLLPMISDGGIPPMSSST NTLTIKVCGCDVNGALLSCNAEAYILN
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (61.49 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

CDH11 monoclonal antibody (M07), clone 1A1. Western Blot analysis of CDH11 expression in human kidney.

[Protocol Download](#)

- Western Blot (Tissue lysate)

CDH11 monoclonal antibody (M07), clone 1A1. Western Blot analysis of CDH11 expression in human ovarian cancer.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CDH11

Entrez GeneID

[1009](#)

GeneBank Accession#	BC013609.1
Protein Accession#	AAH13609.1
Gene Name	CDH11
Gene Alias	CAD11, CDHOB, OB, OSF-4
Gene Description	cadherin 11, type 2, OB-cadherin (osteoblast)
Omim ID	600023
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	OB-cadherin cadherin 11, type 2 cadherin-11 osteoblast cadherin

Publication Reference

- [Inhibition of cell adhesion by a cadherin-11 antibody thwarts bone metastasis.](#)

Lee YC, Bilen MA, Yu G, Lin SC, Huang CF, Ortiz A, Cho H, Song JH, Satcher RL, Kuang J, Gallick GE, Yu-Lee LY, Huang W, Lin SH.

Molecular Cancer Research : MCR 2013 Nov; 11(11):1401.

Application: Flow Cyt, Mouse, L-vector, L-Cad11, L-Cad11-W2A, L-Cad11-6A cells

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)

- [Head and Neck Neoplasms](#)
- [Laryngeal Neoplasms](#)
- [Metabolic Syndrome X](#)
- [Mouth Neoplasms](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Pharyngeal Neoplasms](#)
- [Tobacco Use Disorder](#)