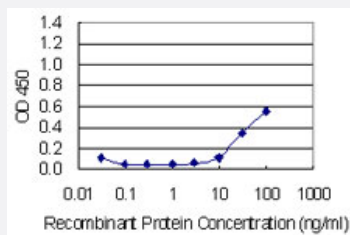


CDH11 monoclonal antibody (M21), clone 3E2

Catalog # H00001009-M21

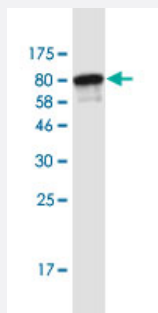
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CDH11 is 3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (61.49 kDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant CDH11.

Immunogen

CDH11 (P55287, 54 a.a. ~ 612 a.a) partial recombinant protein.

Sequence

GWVWNQFFVIEEYTGPDVVLVGRHSDIDSGDGNIKYILSGEGAGTIFVIDDKSGNIHATKTLDREE
 RAQYTLMAQAVDRDTRNRPLEPPSEFIVKVQDINDNPPEFLHETYHANVPERSNVGTSVIQVTASDA
 DDPTYGNSAKLVYSILEGQPYFSVEAQTGIIIRTALPNMDREAKEEYHVVIQAKDMGGHMGGLSGTT
 KVMITLTDVNDNPPKFPQSVYQMSVSEAAVPGEVGRVKAKDPDIGENGLVTYNVDGDGMESF
 EITTDYETQEGVIKLLKPVDFETKRAYSLKVEAANVHIDPKFISNGPFKDTVTVKIAVEDADEPPMF
 LAPSYIHEVQENAAAGTVVGRVHAKDPDAANSPIRYSIDRHTDLDRFFTINPEDGFIKTTKPLDREE
 TAWLNITVFAAEIHNHRHQEAKVPVAIRVLDVNDNAPKFAAPYEGFICESDQTKPLSNQPIVTISADD
 KDDTANGPRFIFSLPPEIIHNPNFTVRDNRDNTAGVYARRGGFSRQKQDLYLLPMISDGGIPPMSSST
 NTLTIKVCGCDVNGALLSCNAEAYILN

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (98)
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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CDH11 is 3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CDH11

Entrez GeneID	1009
GeneBank Accession#	BC013609.1
Protein Accession#	P55287
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

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](#)