

Mouse CDH11 Monoclonal Antibody | anti-CDH11 antibody

CDH11 (Cadherin 11, Type 2, OB-Cadherin (Osteoblast), CAD11, CDHOB, OB, OSF-4) (AP)

CATALOG # AAA26012	HOST Mouse	APPLICATIONS Western Blot
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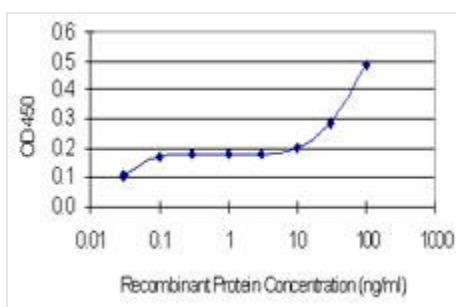
PRODUCT SYNONYMS

CDH11; Monoclonal Antibody; CDH11 (Cadherin 11; Type 2; OB-Cadherin (Osteoblast); CAD11; CDHOB; OB; OSF-4) (AP); Cadherin 11; OSF-4; anti-CDH11 antibody

PRODUCT SPECIFICATIONS

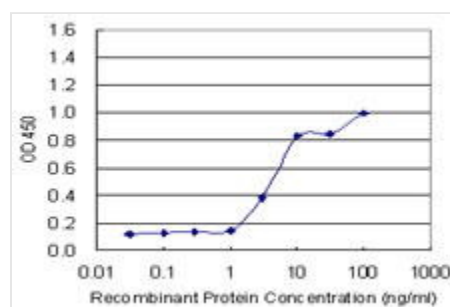
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	3C8
Specificity	Recognizes CDH11.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Applicable Applications for anti-CDH11 antibody	WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	CDH11 (P55287, 54aa-612aa) partial recombinant protein with Fc tag at C terminal. MW of the Fc tag alone is 50kD.
Conjugate	AP
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

IMAGES



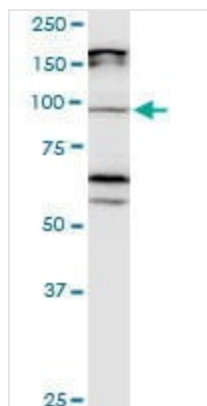
Application Data

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



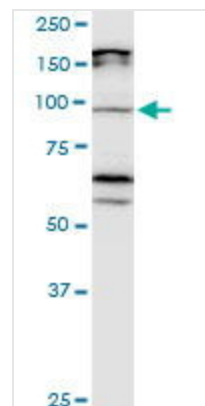
Application Data

Detection limit for recombinant GST tagged CDH11 is 1 ng/ml as a capture antibody.



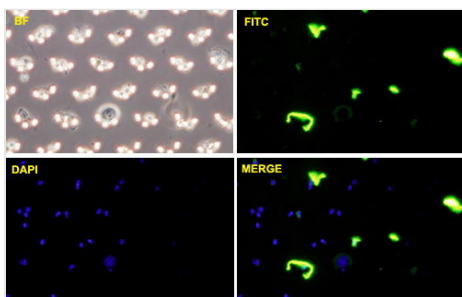
WB (Western Blot)

CDH11 monoclonal antibody (M05), clone 3C8. Western Blot analysis of CDH11 expression in human kidney.



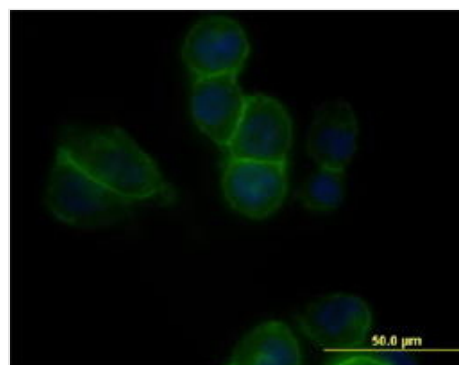
WB (Western Blot)

CDH11 monoclonal antibody (M05), clone 3C8. Western Blot analysis of CDH11 expression in MCF-7.



Application Data

PC3-MM2 cells were stained with CDH11-FITC labeled monoclonal antibody (Green). The cell nucleus were counterstained with DAPI (Blue).



IF (Immunofluorescence)

Immunofluorescence of monoclonal antibody to CDH11 on PC3-MM2 cell. [antibody concentration 10 ug/ml]

ADDITIONAL INFORMATION

Related Product Information for anti-CDH11 antibody	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]
Product Categories/Family for anti-CDH11 antibody	Antibodies ; Cadherin

NCBI AND UNIPROT INFORMATION

NCBI GI #	16306532
NCBI GeneID	1009
NCBI Accession #	NP_001788.2
NCBI GenBank Nucleotide #	NM_001797.2
UniProt Accession #	P55287 ; Q15065 ; Q15066 ; Q9UQ93 ; Q9UQ94 ; A8K5D6 ; A8MZC8 ; B7WP28
Molecular Weight	87,965 Da
NCBI Official Full Name	cadherin-11 preproprotein
NCBI Official Synonym Full Names	cadherin 11, type 2, OB-cadherin (osteoblast)

NCBI Official Symbol	CDH11
NCBI Official Synonym Symbols	OB; CAD11; CDHOB; OSF-4
NCBI Protein Information	cadherin-11
UniProt Protein Name	Cadherin-11
UniProt Gene Name	CDH11
UniProt Synonym Gene Names	OB-cadherin
UniProt Entry Name	CAD11_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/cdh11-antibody-clone-3c8-western-blot-elisa/26012>