

Datasheet for ABIN5542424
anti-OB Cadherin antibody (AA 468-617)



[Go to Product page](#)

6 Images

Overview

Quantity:	100 µL
Target:	OB Cadherin (CDH11)
Binding Specificity:	AA 468-617
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This OB Cadherin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human CDH11 (AA: 468-617) expressed in E. coli.
Clone:	4E12G10
Isotype:	IgG1
Purification:	purified

Target Details

Target:	OB Cadherin (CDH11)
Alternative Name:	CDH11 (CDH11 Products)
Background:	Description: This gene encodes a type II classical cadherin from the cadherin superfamily,

Target Details

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. ,

Aliases: OB, CAD11, CDHOB, OSF-4

Molecular Weight: 88 kDa

Gene ID: 1009

HGNC: 1009

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400

Restrictions: For Research Use only

Handling

Format: Liquid

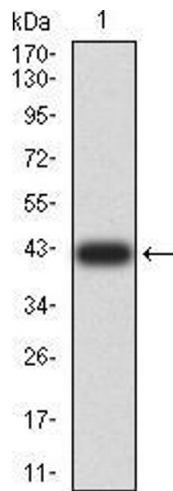
Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

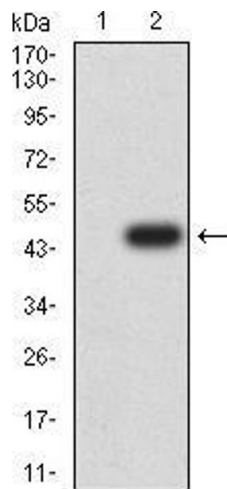
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage



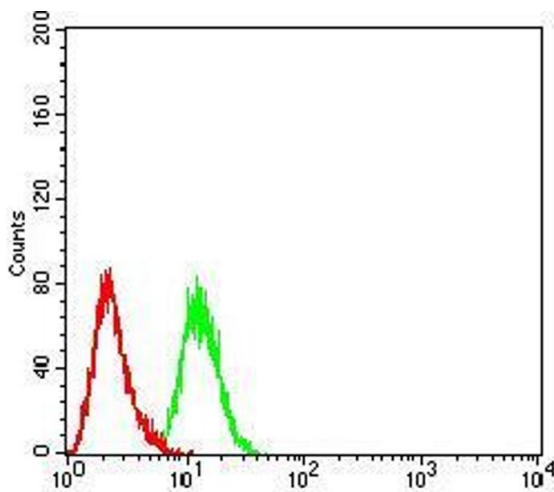
Western Blotting

Image 1. Western blot analysis using CDH11 mAb against human CDH11 (AA: 468-617) recombinant protein. (Expected MW is 42.1 kDa)



Western Blotting

Image 2. Western blot analysis using CDH11 mAb against HEK293 (1) and CDH11 (AA: 468-617)-hlgGFc transfected HEK293 (2) cell lysate.



Flow Cytometry

Image 3. Flow cytometric analysis of HeLa cells using CDH11 mouse mAb (green) and negative control (red).

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN5542424.