Datasheet for ABIN5542424

anti-OB Cadherin antibody (AA 468-617)

6 Images

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Overview

Quantity:	0.1 mg
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

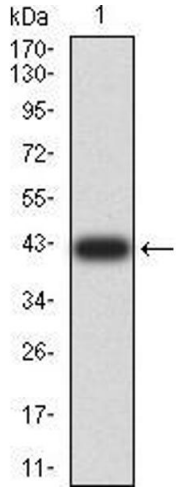
	integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Mature cadherin proteins are composed of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small, highly conserved C-terminal cytoplasmic domain. Type II (atypical) cadherins are defined based 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

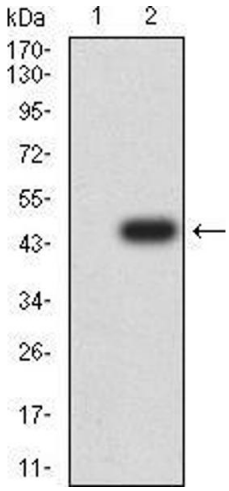
Handling

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



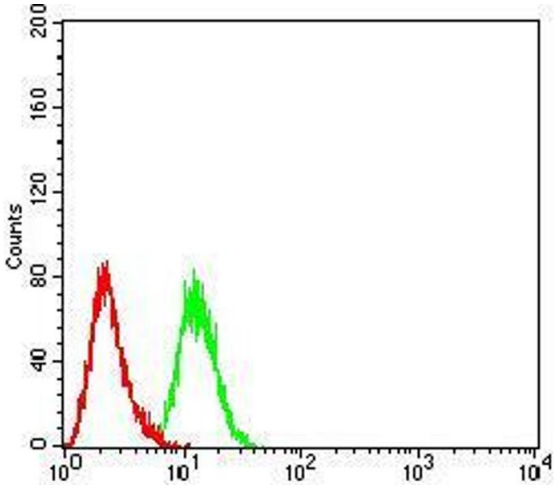
Western Blotting

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)-hIgGFc 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.