

Datasheet for ABIN5542425

**anti-OB Cadherin antibody (AA 468-617)**[Go to Product page](#)**7** 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

Purpose:	CDH11 Antibody
Immunogen:	Purified recombinant fragment of human CDH11 (AA: 468-617) expressed in E. Coli.
Clone:	2C12A6
Isotype:	IgG1
Purification:	Purified antibody

## Target Details

Target:	OB Cadherin (CDH11)
Alternative Name:	CDH11 ( <a href="#">CDH11 Products</a> )

## Target Details

Background:	<p>Description: 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.</p> <p>Aliases: OB, CAD11, CDHOB, OSF-4</p>
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Molecular Weight:	88kDa
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Gene ID:	1009
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HGNC:	1009
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UniProt:	<a href="#">P55287</a>
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## Application Details

Application Notes:	<p>ELISA: 1/10000</p> <p>FCM: 1/200 - 1/400</p> <p>ICC: 1/200 - 1/1000</p>
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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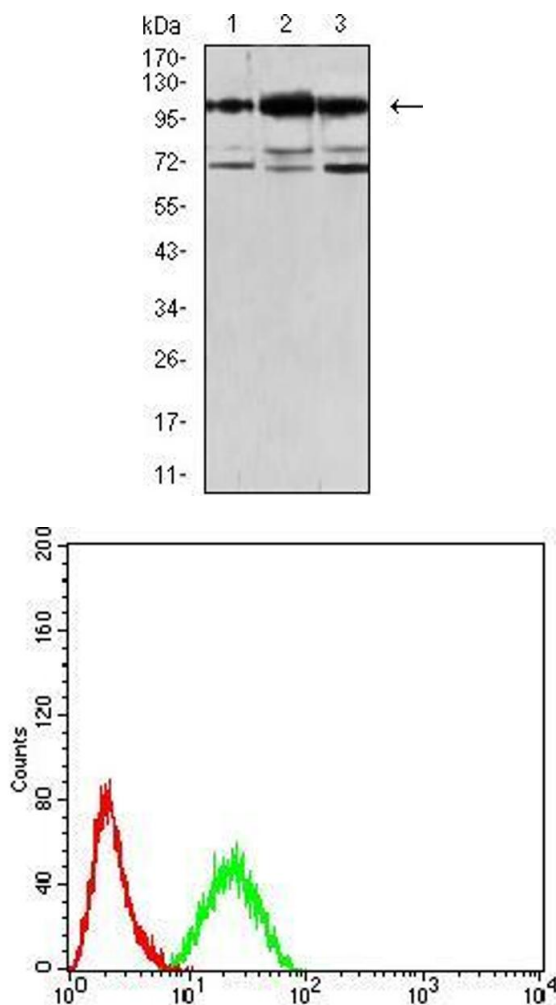
Buffer:	Purified antibody in PBS with 0.05 % sodium azide.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C,-20 °C
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Storage Comment:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
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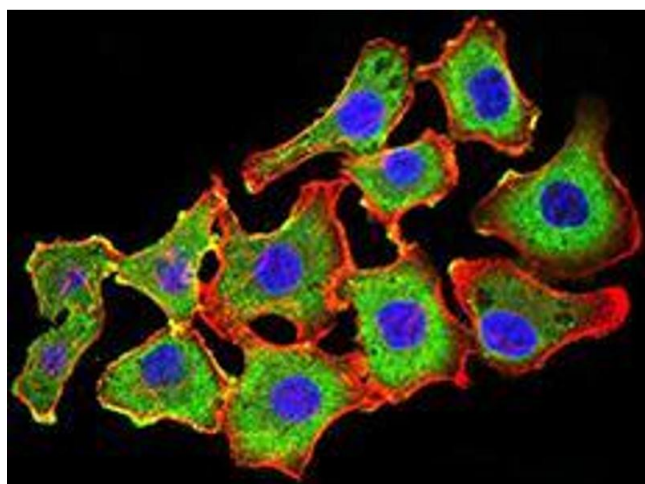


### Western Blotting

**Image 1.** Western blot analysis using CDH11 mouse mAb against MCF-7 (1), Jurkat (2), and HEK293 (3) cell lysate.

### Flow Cytometry

**Image 2.** Flow cytometric analysis of Hela cells using CDH11 mouse mAb (green) and negative control (red).



### Immunofluorescence

**Image 3.** Immunofluorescence analysis of HL-7702 cells using CDH11 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN5542425.