

Datasheet for ABIN514259  
**anti-OB Cadherin antibody (AA 509-617)**

2 Images

1 Publication



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## Overview

Quantity:	100 µg
Target:	OB Cadherin (CDH11)
Binding Specificity:	AA 509-617
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This OB Cadherin antibody is un-conjugated
Application:	ELISA

## Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant CDH11.
Immunogen:	CDH11 (NP_001788, 509 a.a. ~ 617 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	PIVTISADDK DDTANGPRFI FSLPPEIIHN PNFTVRDNRD NTAGVYARRG GFSRQKQDLY LLPIVISDGG IPPMSSTNTL TIKVCGCDVN GALLSCNAEA YILNAGLST
Clone:	4D10
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

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Target:	OB Cadherin (CDH11)
Alternative Name:	CDH11 ( <a href="#">CDH11 Products</a> )
Background:	Full Gene Name: cadherin 11, type 2, OB-cadherin (osteoblast) Synonyms: CAD11,CDHOB,OB,OSF-4
Gene ID:	1009
NCBI Accession:	<a href="#">NM_001797</a>

## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

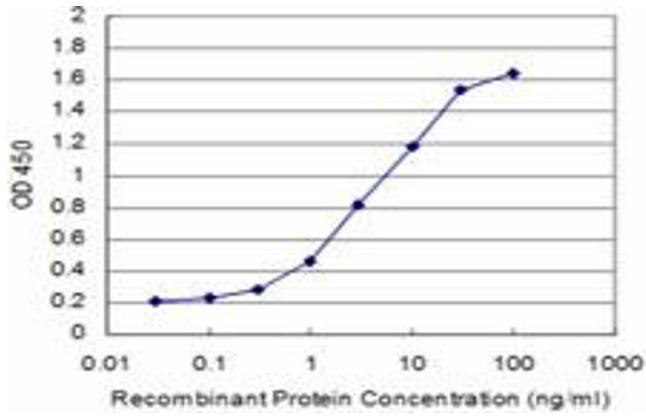
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Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Publications

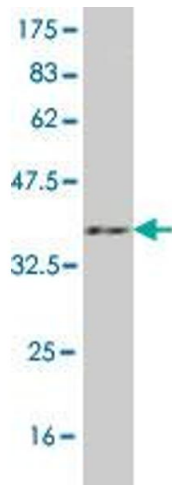
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Product cited in:	Kuo, Ho, Yen, Chen, Lee: "Development of a surface plasmon resonance biosensor for real-time detection of osteogenic differentiation in live mesenchymal stem cells." in: <b>PLoS ONE</b> , Vol. 6, Issue 7, pp. e22382, (2011) ( <a href="#">PubMed</a> ).
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### ELISA

**Image 1.** Detection limit for recombinant GST tagged CDH11 is approximately 0.3ng/ml as a capture antibody.



### Western Blotting

**Image 2.** Western Blot detection against Immunogen (37.73 KDa) .