



[Go to Product page](#)

Datasheet for ABIN514259

anti-OB Cadherin antibody (AA 509-617)

2 Images

1 Publication

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

Target:	OB Cadherin (CDH11)
Alternative Name:	CDH11 (CDH11 Products)
Background:	Full Gene Name: cadherin 11, type 2, OB-cadherin (osteoblast) Synonyms: CAD11,CDHOB,OB,OSF-4
Gene ID:	1009
NCBI Accession:	NM_001797

Application Details

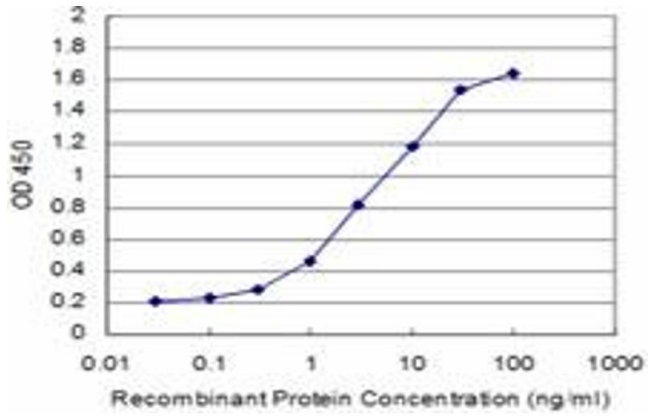
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

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.

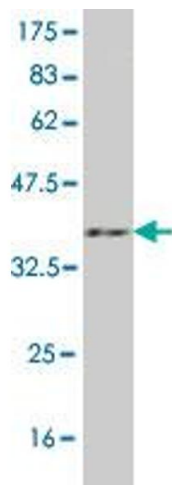
Publications

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: PLoS ONE , Vol. 6, Issue 7, pp. e22382, (2011) (PubMed).
-------------------	---



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) .