

Datasheet for ABIN391685

**anti-Osteomodulin antibody (C-Term)****3** Images[Go to Product page](#)

## Overview

Quantity:	400 µL
Target:	Osteomodulin (OMD)
Binding Specificity:	AA 394-421, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

## Product Details

Immunogen:	This OMD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 394-421 amino acids from the C-terminal region of human OMD.
Clone:	RB18530
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	Osteomodulin (OMD)
Alternative Name:	OMD ( <a href="#">OMD Products</a> )
Background:	OMD may be implicated in biomineralization processes. This protein has a function in binding

## Target Details

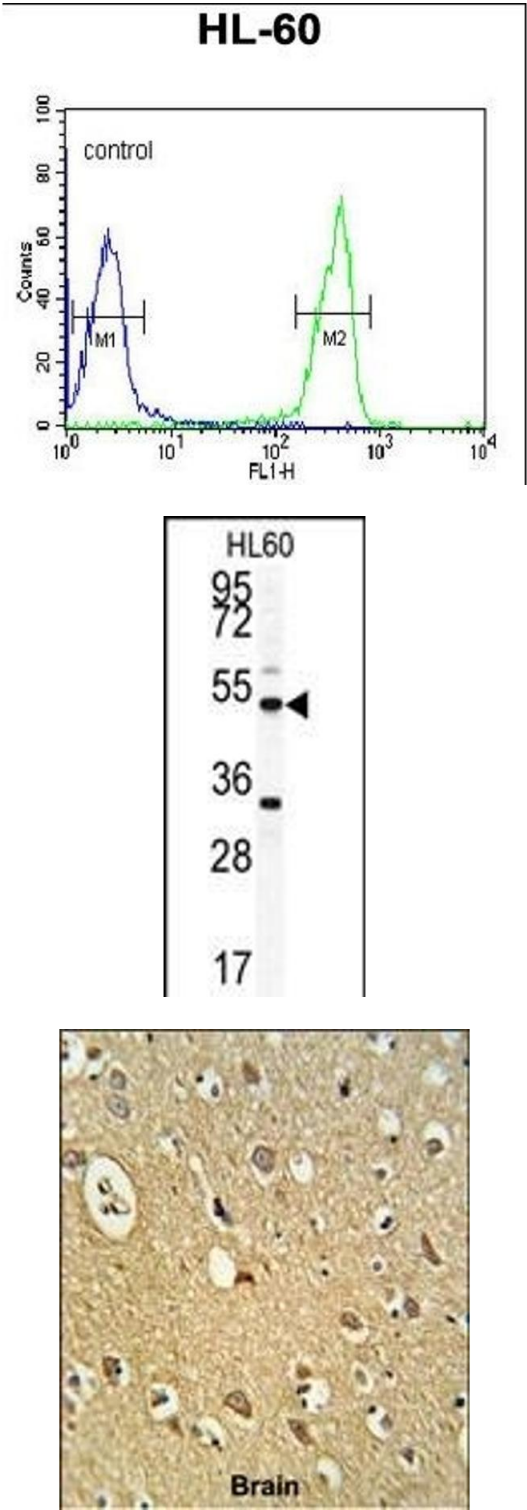
	of osteoblasts via the alpha(V)beta(3)-integrin.
Molecular Weight:	49492
Gene ID:	4958
NCBI Accession:	<a href="#">NP_005005</a>
UniProt:	<a href="#">Q99983</a>
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a>

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

**Image 1.** OMD Antibody (C-term) (ABIN391685 and ABIN2841590) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

**Image 2.** Western blot analysis of OMD antibody (C-term) (ABIN391685 and ABIN2841590) in HL60 cell line lysates (35 µg/lane). OMD (arrow) was detected using the purified Pab.

Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Formalin-fixed and paraffin-embedded human brain tissue reacted with OMD Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.