

OMD Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7474b**Specification**

OMD Antibody (C-term) - Product Information

Application	WB, IHC-P, FC,E
Primary Accession	Q99983
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	49492
Antigen Region	394-421

OMD Antibody (C-term) - Additional Information**Gene ID** 4958**Other Names**

Osteomodulin, Keratan sulfate proteoglycan osteomodulin, KSPG osteomodulin, Osteoadherin, OSAD, OMD, SLRR2C

Target/Specificity

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.

DilutionWB~~1:1000
IHC-P~~1:50~100
FC~~1:10~50**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

OMD Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OMD Antibody (C-term) - Protein Information**Name** OMD

Synonyms SLRR2C

Function May be implicated in biomineralization processes. Has a function in binding of osteoblasts via the alpha(V)beta(3)-integrin.

Cellular Location

Secreted, extracellular space, extracellular matrix

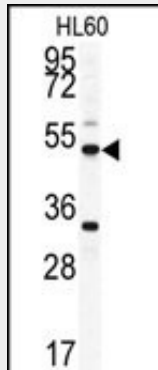
Tissue Location

Bone specific.

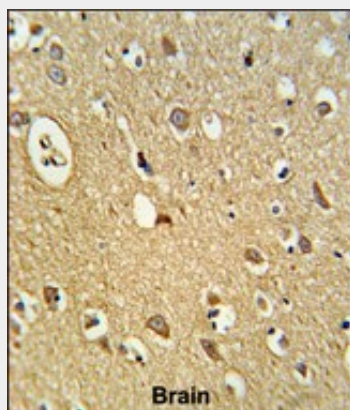
OMD Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

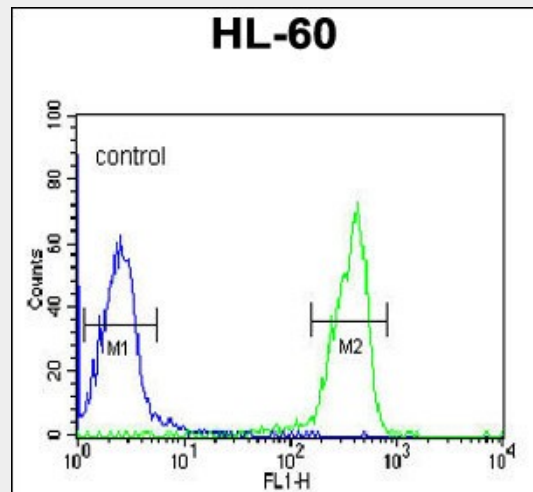
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

OMD Antibody (C-term) - Images

Western blot analysis of OMD antibody (C-term)(Cat.#AP7474b) in HL60 cell line lysates (35ug/lane). OMD (arrow) was detected using the purified Pab.



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.



OMD Antibody (C-term) (Cat. #AP7474b) 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.

OMD Antibody (C-term) - Background

OMD may be implicated in biomineralization processes. This protein has a function in binding of osteoblasts via the $\alpha(V)\beta(3)$ -integrin.

OMD Antibody (C-term) - References

Onnerfjord P.J. Biol. Chem. 279:26-33(2004)
Clark H.F., Gurney A.L. Genome Res. 13:2265-2270(2003)

OMD Antibody (C-term) - Citations

- [The role of osteomodulin on osteo/odontogenic differentiation in human dental pulp stem cells.](#)