

## Rabbit anti-Human, mouse OMD Polyclonal Antibody | anti-OMD antibody

OMD Antibody (C-term)

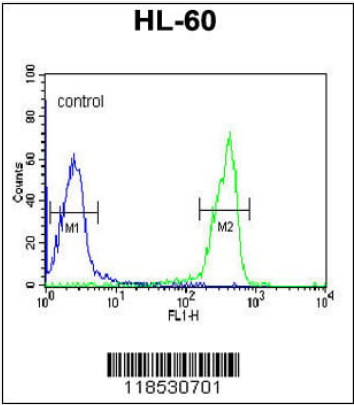
| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                                                |
|-----------|--------|--------------|-----------------------------------------------------------------------------|
| AAA285812 | Rabbit | Human, mouse | Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot |

### PRODUCT SYNONYMS

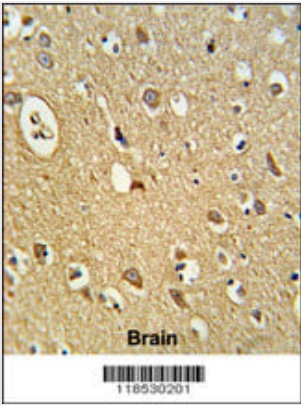
OMD; Polyclonal Antibody; OMD Antibody (C-term); Osteomodulin; Keratan sulfate proteoglycan osteomodulin; KSPG osteomodulin; Osteoadherin; OSAD; SLRR2C; anti-OMD antibody

### PRODUCT SPECIFICATIONS

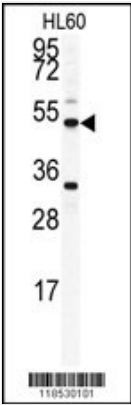
|                                               |                                                                                                                                                                                           |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                                                    |
| Reactivity                                    | Human, mouse                                                                                                                                                                              |
| Clonality                                     | Polyclonal                                                                                                                                                                                |
| Isotype                                       | Rabbit Ig                                                                                                                                                                                 |
| 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.                        |
| Purity/Purification                           | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                                 |
| Form/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. |
| Concentration                                 | Vial Concentration: 2 (varies by lot)                                                                                                                                                     |
| Sequence Positions                            | 394-421                                                                                                                                                                                   |
| Sequence Length                               | 421                                                                                                                                                                                       |
| Applicable Applications for anti-OMD antibody | FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                           |
| Antigen Type                                  | Synthetic Peptide                                                                                                                                                                         |
| Antigen Source                                | HUMAN                                                                                                                                                                                     |
| Preparation and Storage                       | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                                    |



**FCM/FACS (Flow Cytometry)**  
OMD Antibody (C-term) 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.



**IHC (Immunohistochemistry)**  
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.



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

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                               |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-OMD antibody | OMD may be implicated in biomineralization processes. This protein has a function in binding of osteoblasts via the alpha(V)beta(3)-integrin. |
| Product Categories/Family for anti-OMD antibody   | Signal Transduction                                                                                                                           |
| References                                        | Onnerfjord P.J. Biol. Chem. 279:26-33(2004)<br>Clark H.F., Gurney A.L.Genome Res. 13:2265-2270(2003)                                          |

NCBI AND UNIPROT INFORMATION

|                           |                |
|---------------------------|----------------|
| NCBI GI #                 | 4826876        |
| NCBI GeneID               | 4958           |
| NCBI Accession #          | NP_005005.1    |
| NCBI GenBank Nucleotide # | NM_005014.2    |
| UniProt Accession #       | Q99983; Q5TBF4 |
| Molecular Weight          | 49492          |

|                                  |                                 |
|----------------------------------|---------------------------------|
| NCBI Official Full Name          | osteomodulin                    |
| NCBI Official Synonym Full Names | osteomodulin                    |
| NCBI Official Symbol             | OMD                             |
| NCBI Official Synonym Symbols    | OSAD; SLRR2C                    |
| NCBI Protein Information         | osteomodulin                    |
| UniProt Protein Name             | Osteomodulin                    |
| UniProt Gene Name                | <b>OMD</b>                      |
| UniProt Synonym Gene Names       | SLRR2C; KSPG osteomodulin; OSAD |
| UniProt Entry Name               | OMD_HUMAN                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/omd-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/285812>