

OMD Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant OMD.****Catalog # AT3148a****Specification**

OMD Antibody (monoclonal) (M01) - Product Information

Application	E
Primary Accession	Q99983
Other Accession	NM_005014
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG3 Kappa
Calculated MW	49492

OMD Antibody (monoclonal) (M01) - Additional Information**Gene ID** 4958**Other Names**

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

Target/Specificity

OMD (NP_005005, 274 a.a. ~ 383 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

OMD Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

OMD Antibody (monoclonal) (M01) - 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 (monoclonal) (M01) - Images**OMD Antibody (monoclonal) (M01) - References**

The tyrosine sulfate-rich domains of the LRR proteins fibromodulin and osteoadherin bind motifs of basic clusters in a variety of heparin-binding proteins, including bioactive factors. Tillgren V, et al. J Biol Chem, 2009 Oct 16. PMID 19700767. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334. Immunodetection of osteoadherin in murine tooth extracellular matrices. Couble ML, et al. Histochem Cell Biol, 2004 Jan. PMID 14673660. The secreted protein discovery initiative (SPDI), a large-scale effort to identify novel human secreted and transmembrane proteins: a bioinformatics assessment. Clark HF, et al. Genome Res, 2003 Oct. PMID 12975309. TGF beta 1 signaling and stimulation of osteoadherin in human odontoblasts in vitro. Lucchini M, et al. Connect Tissue Res, 2002. PMID 12489179.