

OMD Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant OMD.

Catalog # AT3148a

Product Information

Application	E
Primary Accession	Q99983
Other Accession	NM_005014
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG3 Kappa
Clone Names	1E11
Calculated MW	49492

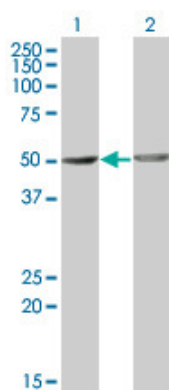
Additional Information

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.
Dilution	E~~N/A
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.

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.

Images



Western Blot analysis of OMD expression in transfected 293T cell line by OMD monoclonal antibody (M01), clone 1E10.

Lane 1: OMD transfected lysate(49.5 KDa).

Lane 2: Non-transfected lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.