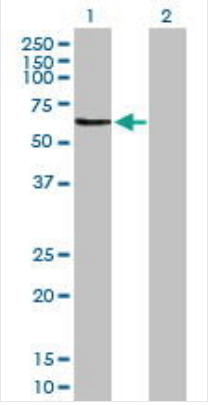
OMD Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	OMD, Polyclonal Antibody
Full Product Name	OMD (Osteomodulin, Keratan Sulfate Proteoglycan Osteomodulin, KSPG Osteomodulin, Osteoadherin, OSAD, SLRR2C, UNQ190/PRO216) (PE)
Product Gene Name	anti-OMD antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human OMD.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Molecular Weight	49,492 Da
Chromosome Location	Chromosome: 9; NC_000009.11 (95176527..95186836, complement). Location: 9q22.31
3D Structure	ModBase 3D Structure for Q99983
Immunogen	Full length human OMD, aa1-421 (NP_005005.1).
Immunogen Sequence	MGFLSPIYVIFFFFGVKVHCQYETYQWDEDYDQEPDDDYQTGFPFRQNVDYGVPFHQYTLGCVSECFCPTNFPSSMYCDNRKLKTIPNIPMHIQQLYLQF
Conjugate	PE
Note	Preservative Free
Product Categories/Family for anti-OMD antibody	Antibodies; Proteins
Applications Tested/Suitable for anti-OMD antibody	Western Blot (WB)
Application Notes for anti-OMD antibody	Applications are based on unconjugated antibody.
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.

Other Notes	Small volumes of anti-OMD antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessa
Searchable Terms for OMD purchase	MBS6388007 is an antibody targeting OMD. Also known as OMD (Osteomodulin, Keratan Sulfate Proteoglycan Osteomodulin, KSPG Osteomodulin, C



Western Blot (WB) of anti-OMD antibody
Western Blot analysis of OMD expression in transfected 293T cell line by OMD polyclonal antibody. Lane 1: OMD transfected lysate (49.5kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OMD. It may not necessarily be applicable to this product.

NCBI GI #	4826876
NCBI GeneID	4958
NCBI Accession #	NP_005005.1
UniProt Primary Accession #	Q99983
UniProt Secondary Accession #	Q5TBF4
UniProt Related Accession #	Q99983
GenBank Nucleotide #	NM_005014.1
NCBI Official Full Name	osteomodulin
NCBI Official Synonym Full Names	osteomodulin
NCBI Official Symbol	OMD
NCBI Official Synonym Symbols	OSAD; SLRR2C
UniProt Protein Name	Osteomodulin
UniProt Synonym Protein Names	Keratan sulfate proteoglycan osteomodulin; KSPG osteomodulin; Osteoadherin; OSAD
Protein Family	Osteomodulin
UniProt Gene Name	OMD
UniProt Synonym Gene Names	SLRR2C; KSPG osteomodulin; OSAD
UniProt Entry Name	OMD_HUMAN
NCBI Protein Information	osteomodulin; KSPG osteomodulin; OTTHUMP00000021653; osteoadherin proteoglycan; keratan sulfate proteoglycan osteomodulin

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