LMO3 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	LMO3, Monoclonal Antibody
Full Product Name	LMO3 (LIM Domain only 3 (rhombotin-like 2), DAT1, MGC26081, RBTN3, RBTNL2, RHOM3, Rhom-3) (MaxLight 750)
Product Gene Name	anti-LMO3 antibody
Product Synonym Names	LIM Domain only 3 (rhombotin-like 2); DAT1; MGC26081; RBTN3; RBTNL2; RHOM3; Rhom-3
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	4C4
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750.
Purity/Purification	Purified
Specificity	Recognizes LMO3.
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 amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight750 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
OMIM	180386
3D Structure	ModBase 3D Structure for Q8TAP4
Immunogen	LMO3 (NP_061110, 91aa-146aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MRAKDNVYHLDCFACQLCNQRFCVGDKFFLKNNMILCQTDYEEGLMKEGYAPQVR*
Conjugate	MaxLight750
Product Categories/Family for anti-LMO3 antibody	Antibodies; Transcription Factors
Applications Tested/Suitable for anti-LMO3 antibody	Immunofluorescence (IF), Western Blot (WB)
Application Notes for anti-LMO3 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-LMO3 antibody	MBS6239226 is an antibody targeting LMO3. Also known as LMO3 (LIM Domain only 3 (rhombotin-like 2), DAT1, MGC26081, RBTN3, RBTNL2, RHOM3, Rhom-3) (MaxLight 750). Host: Mouse. Mouse monoclonal antibody raised against a partial recombinant LMO3.
Other Notes	Small volumes of anti-LMO3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LMO3. It may not necessarily be applicable to this product.

NCBI GI #	21361802

NCBI Accession #	NP_061110
UniProt Primary Accession #	Q8TAP4
GenBank Nucleotide #	NP_061110.2
NCBI Official Full Name	LIM domain only protein 3 isoform 1
UniProt Protein Name	LIM domain only protein 3
UniProt Synonym Protein Names	Neuronal-specific transcription factor DAT1; Rhombotin-3
Protein Family	LIM domain only protein
UniProt Gene Name	LMO3
UniProt Synonym Gene Names	RBTN3; RBTNL2; RHOM3; LMO-3
UniProt Entry Name	LMO3_HUMAN
UniProt Comments for LMO3	LMO3: 3 isoforms of the human protein are produced by alternative splicing Chromosomal Location of Human Ortholog: 12p12.3 Cellular Component: cytoplasm Molecular Function: zinc ion binding Biological Process: regulation of transcription, DNA-dependent; transcription, DNA-dependent; positive regulation of fat cell differentiation
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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