LYSMD4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LYSMD4, Polyclonal Antibody
Full Product Name	LYSMD4, NT (LYSMD4, LysM and putative peptidoglycan-binding domain-containing protein 4) (MaxLight 490)
Product Gene Name	anti-LYSMD4 antibody
Product Synonym Names	LYSMD4; LysM and putative peptidoglycan-binding domain-containing protein 4
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 MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
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: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	32066
3D Structure	ModBase 3D Structure for Q5XG99
Immunogen	LYSMD4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 40-69 amino acids from the N-terminal region of human LYSMD4.
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-LYSMD4 antibody	Antibodies; Binding Proteins
Applications Tested/Suitable for anti-LYSMD4 antibody	Flow Cytometry (FC/FACS), FLISA, Western Blot (WB)
Application Notes for anti-LYSMD4 antibody	FC/FACS: 1:10-50 FLISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-LYSMD4 antibody	MaxLight490 is a new Blue-Green photostable dye conjugate comparable to DyLight488, Alexa Fluor488 and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (491nm); Emission (515nm); Extinction Coefficient 73,000.
Product References and Citations for anti-LYSMD4 antibody	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010).
Other Notes	Small volumes of anti-LYSMD4 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.
Searchable Terms for LYSMD4 purchase	MBS6317775 is an antibody targeting LYSMD4. Also known as LYSMD4, NT (LYSMD4, LysM and putative peptidoglycan-binding domain-containing protein 4) (MaxLight 490). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LYSMD4. It may not necessarily be applicable to this product.

NCBI GI #	40288201
NCBI GeneID	145748
NCBI Accession #	NP_689662.2
UniProt Primary Accession #	Q5XG99
UniProt Secondary Accession #	Q96LY7; A6NII6; A8K2N1
UniProt Related Accession #	Q5XG99
GenBank Nucleotide #	NM_152449.3
NCBI Official Full Name	lysM and putative peptidoglycan-binding domain-containing protein 4 isoform a
NCBI Official Synonym Full Names	LysM, putative peptidoglycan-binding, domain containing 4
NCBI Official Symbol	LYSMD4
UniProt Protein Name	LysM and putative peptidoglycan-binding domain-containing protein 4
Protein Family	LysM and putative peptidoglycan-binding domain-containing protein
UniProt Gene Name	LYSMD4
UniProt Entry Name	LYSM4_HUMAN
NCBI Protein Information	lysM and putative peptidoglycan-binding domain-containing protein 4
Research Articles on LYSMD4	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/lysmd4/6317775