MALM Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MALM, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli (strain K12) MALM Polyclonal Antibody
Product Gene Name	anti-MALM antibody
Product Synonym Names	MALM Antibody; Maltose operon periplasmic protein malM molA b4037 JW3997
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli (strain K12)
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Purity/Purification	Antigen-affinity
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	31,943 Da
3D Structure	ModBase 3D Structure for P03841
Immunogen	Recombinant Escherichia coli (strain K12) malM protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-MALM antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-MALM antibody	MBS7161993 is an antibody targeting MALM. Also known as Rabbit anti-Escherichia coli (strain K12) MALM Polyclonal Antibody. Reactive in E Coli (strain K12). Host: Rabbit.
Other Notes	Small volumes of anti-MALM 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 MALM. It may not necessarily be applicable to this product.

NCBI GI #	16131863
NCBI GeneID	948547
NCBI Accession #	NP_418461.1
UniProt Primary Accession #	P03841
UniProt Secondary Accession #	Q2M6R7

GenBank Nucleotide #	NC_000913.3
NCBI Official Full Name	maltose regulon periplasmic protein
NCBI Official Symbol	malM
NCBI Official Synonym Symbols	ECK4029; JW3997; molA
UniProt Protein Name	Maltose operon periplasmic protein
Protein Family	Maltose operon periplasmic protein
UniProt Gene Name	malM
UniProt Synonym Gene Names	molA
NCBI Protein Information	maltose regulon periplasmic protein
NCBI Summary for MALM	Both precursor and processed forms are seen, but no protein sequencing was done. [More information is available at EcoGene: EG10559]. malM is the last gene in the malK-lamB-malM operon and is thus part of the maltose regulon. [More information is available at EcoCyc: EG10559].
UniProt Comments for MALM	Not yet known. Might function in the uptake of a still unidentified substrate.
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