MLTC Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MLTC, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli (strain K12/MC4100/BW2952) MLTC Polyclonal Antibody
Product Gene Name	anti-MLTC antibody
Product Synonym Names	MLTC Antibody; Membrane-bound lytic murein transglycosylase C; EC 4.2.2.n1; Murein lyase C; mltC BWG_2685
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli (strain K12/MC4100/BW2952)
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	40,113 Da
3D Structure	ModBase 3D Structure for C5A0N2
Immunogen	Recombinant Escherichia coli (strain K12 / MC4100 / BW2952) mltC protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-MLTC antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-MLTC antibody	MBS7179234 is an antibody targeting MLTC. Also known as Rabbit anti-Escherichia coli (strain K12/MC4100/BW2952) MLTC Polyclonal Antibody. Reactive in E Coli (strain K12/MC4100/BW2952). Host: Rabbit.
Other Notes	Small volumes of anti-MLTC 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 MLTC. It may not necessarily be applicable to this product.

NCBI GI #	446682977
NCBI Accession #	WP_000760323.1
UniProt Primary Accession #	C5A0N2
UniProt Secondary Accession #	P52066; P71274; P76651; P76652
GenBank Nucleotide #	WP_000760323.1

NCBI Official Full Name	MULTISPECIES: lytic murein transglycosylase
UniProt Protein Name	Membrane-bound lytic murein transglycosylase C
UniProt Synonym Protein Names	Murein lyase C
Protein Family	Membrane-bound lytic murein transglycosylase
UniProt Gene Name	mltC
UniProt Comments for MLTC	Murein-degrading enzyme. May play a role in recycling of muropeptides during cell elongation and/or cell division.
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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