MRED Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MRED, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli O6:H1 (strain CFT073/700928/UPEC) MRED Polyclonal Antibody
Product Gene Name	anti-MRED antibody
Product Synonym Names	MRED Antibody; Rod shape-determining protein MreD mreD c4003
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli O6:H1 (strain CFT073/ 700928/UPEC)
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	18,788 Da
Chromosome Location	NC_004431.1 (3821586..3822074, complement)
3D Structure	ModBase 3D Structure for P0ABH5
Immunogen	Recombinant Escherichia coli O6:H1 (strain CFT073 / 700928 / UPEC) mreD protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-MRED antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-MRED antibody	MBS7165732 is an antibody targeting MRED. Also known as Rabbit anti-Escherichia coli O6:H1 (strain CFT073/700928/UPEC) MRED Polyclonal Antibody. Reactive in E Coli O6:H1 (strain CFT073/ 700928/UPEC). Host: Rabbit.
Other Notes	Small volumes of anti-MRED 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 MRED. It may not necessarily be applicable to this product.

NCBI GI #	26249829
NCBI GeneID	1040385
NCBI Accession #	NP_755869.1
UniProt Primary Accession #	P0ABH5

UniProt Secondary Accession #	P16927
UniProt Related Accession #	P0ABH5
GenBank Nucleotide #	NC_004431.1
NCBI Official Full Name	rod shape-determining protein MreD
NCBI Official Symbol	mreD
UniProt Protein Name	Rod shape-determining protein MreD
Protein Family	Rod shape-determining protein
UniProt Gene Name	mreD
UniProt Entry Name	MRED_ECOL6
NCBI Protein Information	rod shape-determining protein MreD
UniProt Comments for MRED	Function: Involved in formation of the rod shape of the cell. May also contribute to regulation of formation of penicillin-binding proteins By similarity. Subcellular location: Cell inner membrane; Multi-pass membrane protein By similarity. Sequence similarities: Belongs to the MreD family.
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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