MUKB Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MUKB, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli O45:K1 (strain S88/ExPEC) MUKB Polyclonal Antibody
Product Gene Name	anti-MUKB antibody
Product Synonym Names	MUKB Antibody; Chromosome partition protein MukB; Structural maintenance of chromosome-related protein; mukB ECS88_0952
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli O45:K1 (strain S88/ExPEC)
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	170,193 Da
3D Structure	ModBase 3D Structure for B7MHN3
Immunogen	Recombinant Escherichia coli O45:K1 (strain S88 / ExPEC) mukB protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-MUKB antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-MUKB antibody	MBS7174776 is an antibody targeting MUKB. Also known as Rabbit anti-Escherichia coli O45:K1 (strain S88/ExPEC) MUKB Polyclonal Antibody. Reactive in E Coli O45:K1 (strain S88/ExPEC). Host: Rabbit.
Other Notes	Small volumes of anti-MUKB 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 MUKB. It may not necessarily be applicable to this product.

NCBI GI #	446494762
NCBI Accession #	WP_000572616.1
UniProt Primary Accession #	B7MHN3
GenBank Nucleotide #	WP_000572616.1
NCBI Official Full Name	MULTISPECIES: chromosome partition protein MukB

UniProt Protein Name	Chromosome partition protein MukB
UniProt Synonym Protein Names	Structural maintenance of chromosome-related protein
Protein Family	Chromosome partition protein
UniProt Gene Name	mukB
UniProt Comments for MUKB	Plays a central role in chromosome condensation, segregation and cell cycle progression. Functions as a homodimer, which is essential for chromosome partition. Involved in negative DNA supercoiling in vivo, and by this means organize and compact chromosomes. May achieve or facilitate chromosome segregation by condensation DNA from both sides of a centrally located replisome during cell division.
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