FMT Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FMT, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli O17:K52:H18 (strain UMN026/ExPEC) FMT Polyclonal Antibody
Product Gene Name	anti-FMT antibody
Product Synonym Names	FMT Antibody; Methionyl-tRNA formyltransferase; EC 2.1.2.9; fmt ECUMN_3761
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli O17:K52:H18 (strain UMN026/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	34,168 Da
3D Structure	ModBase 3D Structure for B7NDQ9
Immunogen	Recombinant Escherichia coli O17:K52:H18 (strain UMN026 / ExPEC) fmt protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-FMT antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-FMT antibody	MBS7140522 is an antibody targeting FMT. Also known as Rabbit anti-Escherichia coli O17:K52:H18 (strain UMN026/ExPEC) FMT Polyclonal Antibody. Reactive in E Coli O17:K52:H18 (strain UMN026/ExPEC). Host: Rabbit.
Other Notes	Small volumes of anti-FMT 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 FMT. It may not necessarily be applicable to this product.

NCBI GI #	445926588
NCBI Accession #	WP_000004443.1
UniProt Primary Accession #	B7NDQ9
GenBank Nucleotide #	WP_000004443.1
NCBI Official Full Name	MULTISPECIES: methionyl-tRNA formyltransferase

UniProt Protein Name	Methionyl-tRNA formyltransferase
Protein Family	Clustered mitochondria protein
UniProt Gene Name	fmt
UniProt Comments for FMT	Attaches a formyl group to the free amino group of methionyl-tRNA(fMet). The formyl group appears to play a dual role in the initiator identity of N-formylmethionyl-tRNA by promoting its recognition by IF2 and preventing the misappropriation of this tRNA by the elongation apparatus.
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