EPMA Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	EPMA, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli (strain K12/DH10B) EPMA Polyclonal Antibody
Product Gene Name	anti-EPMA antibody
Product Synonym Names	EPMA Antibody; Elongation factor P--(R)-beta-lysine ligase; EF-P--(R)-beta-lysine ligase; EC 6.3.1.-; EF-P post-translational modification enzyme A; EF-P-lysine lysyltransferase; epmA yjeA ECDH10B_4350
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli (strain K12/DH10B)
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	36,976 Da
3D Structure	ModBase 3D Structure for B1XDQ9
Immunogen	Recombinant Escherichia coli (strain K12 / DH10B) epmA protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-EPMA antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-EPMA antibody	MBS7185371 is an antibody targeting EPMA. Also known as Rabbit anti-Escherichia coli (strain K12/DH10B) EPMA Polyclonal Antibody. Reactive in E Coli (strain K12/DH10B). Host: Rabbit.
Other Notes	Small volumes of anti-EPMA 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 EPMA. It may not necessarily be applicable to this product.

NCBI GI #	445926916
NCBI Accession #	WP_000004771.1
UniProt Primary Accession #	B1XDQ9
GenBank Nucleotide #	WP_000004771.1
NCBI Official Full Name	MULTISPECIES: elongation factor P--(R)-beta-lysine ligase

UniProt Protein Name	Elongation factor P--(R)-beta-lysine ligase
UniProt Synonym Protein Names	EF-P post-translational modification enzyme A
UniProt Gene Name	epmA
UniProt Synonym Gene Names	EF-P--(R)-beta-lysine ligase
UniProt Comments for EPMA	With EpmB is involved in the beta-lysylation step of the post-translational modification of translation elongation factor P (EF-P) on 'Lys-34'. Catalyzes the ATP-dependent activation of (R)-beta-lysine produced by EpmB, forming a lysyl-adenylate, from which the beta-lysyl moiety is then transferred to the epsilon-amino group of EF-P 'Lys-34'.
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