MRPG Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MRPG, Polyclonal Antibody
Full Product Name	Rabbit anti-Bacillus pseudofirmus (strain OF4) MRPG Polyclonal Antibody
Product Gene Name	anti-MRPG antibody
Product Synonym Names	MRPG Antibody; Na(+)/H(+; antiporter subunit G; Mrp complex subunit G; Multiple resistance and pH homeostasis protein G; mrpG BpOF4_13180
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Bacillus pseudofirmus (strain OF4)
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	13,108 Da
3D Structure	ModBase 3D Structure for Q9RGY9
Immunogen	Recombinant Bacillus pseudofirmus (strain OF4) mrpG protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-MRPG antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-MRPG antibody	MBS9011334 is an antibody targeting MRPG. Also known as Rabbit anti-Bacillus pseudofirmus (strain OF4) MRPG Polyclonal Antibody. Reactive in Bacillus pseudofirmus (strain OF4). Host: Rabbit.
Other Notes	Small volumes of anti-MRPG 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 MRPG. It may not necessarily be applicable to this product.

NCBI GI #	502723066
NCBI Accession #	WP_012958050.1
UniProt Primary Accession #	Q9RGY9
UniProt Secondary Accession #	D3FXH6
GenBank Nucleotide #	WP_012958050.1

NCBI Official Full Name	MULTISPECIES: Na+/H+ antiporter subunit G
UniProt Protein Name	Na(+)/H(+) antiporter subunit G
UniProt Synonym Protein Names	Mrp complex subunit G; Multiple resistance and pH homeostasis protein G
Protein Family	Na(+)/H(+) antiporter
UniProt Gene Name	mrpG
UniProt Entry Name	MRPG_BACPE
UniProt Comments for MRPG	Mnh complex is a Na+Li+/H+ antiporter involved in Na+ and/or Li+ excretion and Na+ resistance. Na+/H+ antiport consumes a transmembrane electrical potential, and is thus inferred to be electrogenic. Does not transport K+, Ca2+ or Mg2+.
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-antibody/mrpg/9011334