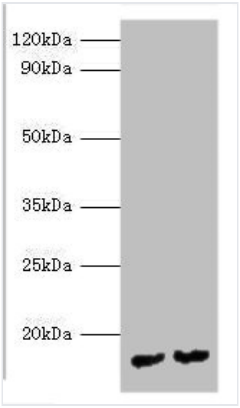
mpt63 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	mpt63, Polyclonal Antibody
Full Product Name	mpt63 Antibody
Product Gene Name	anti-mpt63 antibody
Product Synonym Names	16 kDa immunoprotective extracellular protein; Antigen MPT63; mpt63; Rv1926c; MTCY09F9.38
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mycobacterium tuberculosis
Form/Format	Liquid
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: mpt63 (MBS7049931) HRP Conjugated Antibody: mpt63 (MBS7049932)
Matching Pairs	Unconjugated Antibody: mpt63 (MBS7049931) FITC Conjugated Antibody: mpt63 (MBS7049933)
Matching Pairs	Unconjugated Antibody: mpt63 (MBS7049931) Biotin Conjugated Antibody: mpt63 (MBS7049934)
Molecular Weight	16,514 Da
3D Structure	ModBase 3D Structure for P9WIP1
Immunogen	Recombinant Mycobacterium tuberculosis Immunogenic protein MPT63 protein (30-159AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-mpt63 antibody	ELISA (EIA), Western Blot (WB)
Related Product Information for anti-mpt63 antibody	MBS7049931 is an antibody targeting mpt63. Also known as mpt63 Antibody. Reactive in Mycobacterium tuberculosis. Host: Rabbit.
Product References and Citations for anti-mpt63 antibody	[1]"Molecular cloning, purification, and serological characterization of MPT63, a novel antigen secreted by Mycobacterium tuberculosis."Manca C.M.A., Lyashchenko K., Wiker H.G., Usai D., Colangeli R., Gennaro M.L.Infect. Immun. 65: 16-23(1997).
Other Notes	Small volumes of anti-mpt63 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.



Western Blot (WB) of anti-mpt63 antibody
Western blotAll lanes: Immunogenic protein MPT63 antibody at 2ug/mlLane 1: Recombinant Mycobacterium tuberculosis Immunogenic protein MPT63 protein 1ugLane 2: Recombinant Mycobacterium tuberculosis Immunogenic protein MPT63 protein 0.1ugSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 17kDaObserved band size: 17kDa

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for mpt63. It may not necessarily be applicable to this product.

NCBI GI #	15609063
NCBI Accession #	NP_216442.1
UniProt Primary Accession #	P9WIP1
UniProt Secondary Accession #	O08224; P0A5Q2; P97175; L0T8A1
GenBank Nucleotide #	NC_000962.3
NCBI Official Full Name	immunogenic protein Mpt63
UniProt Protein Name	Immunogenic protein MPT63
UniProt Synonym Protein Names	16 kDa immunoprotective extracellular protein; Antigen MPT63
Protein Family	Immunogenic protein
UniProt Gene Name	mpt63
UniProt Entry Name	MP63_MYCTU
UniProt Comments for mpt63	Enzyme and pathway databasesBioCyc Collection of Pathway/Genome Databases More..BioCyciMTBH37RV:G185E-6123-MONOMER.
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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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.

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Online datasheet: https://www.mybiosource.com/polyclonal-antibody/mpt63/7049931