MPND Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MPND, Polyclonal Antibody
Full Product Name	MPND, NT (MPND, MPN domain-containing protein) (MaxLight 405)
Product Gene Name	anti-MPND antibody
Product Synonym Names	MPND; MPN domain-containing protein
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight405 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	50,662 Da
Chromosome Location	Chromosome: 19; NC_000019.9 (4343524..4360083). Location: 19p13.3
3D Structure	ModBase 3D Structure for Q8N594
Immunogen	MPND antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 7-36 amino acids from the N-terminal region of human MPND.
Conjugate	MaxLight405
Note	Preservative Free
Product Categories/Family for anti-MPND antibody	Antibodies; Enzymes; Protease (Proteinase; Peptidase)
Applications Tested/Suitable for anti-MPND antibody	Western Blot (WB), FLISA
Application Notes for anti-MPND antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-MPND antibody	MaxLight405 is a new Violet photostable dye conjugate comparable to Alexa Fluor 405, PacificBlue, Brilliant Violet 421 and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (400nm); Emission (423nm); Extinction Coefficient 32,000.
Product References and Citations for anti-MPND antibody	Strausberg, R.L., et al. Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903(2002).
Other Notes	Small volumes of anti-MPND 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.

Searchable Terms for MPND purchase	MBS6321905 is an antibody targeting MPND. Also known as MPND, NT (MPND, MPN domain-containing protein) (MaxLight 405). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

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

NCBI GI #	229577180
NCBI GeneID	84954
NCBI Accession #	NP_001153318.1
NCBI Related Accession #	NP_116257.2
UniProt Primary Accession #	Q8N594
UniProt Secondary Accession #	Q96SJ0; Q9Y2P1; Q9Y2P2
UniProt Related Accession #	Q8N594
GenBank Nucleotide #	NM_001159846.1
NCBI Official Full Name	MPN domain-containing protein isoform 2
NCBI Official Synonym Full Names	MPN domain containing
NCBI Official Symbol	MPND
UniProt Protein Name	MPN domain-containing protein
Protein Family	MPN domain-containing protein
UniProt Gene Name	MPND
UniProt Entry Name	MPND_HUMAN
NCBI Protein Information	MPN domain-containing protein
UniProt Comments for MPND	MPND: Probable protease. Belongs to the peptidase M67 family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: EC 3.4.-.-; Protease Chromosomal Location of Human Ortholog: 19p13.3 Molecular Function: peptidase activity Biological Process: proteolysis
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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