GMPR Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GMPR, Polyclonal Antibody
Full Product Name	Anti-GMPR Antibody, Rabbit Polyclonal
Product Gene Name	anti-GMPR antibody
Product Synonym Names	guanosine monophosphate reductase; Anti-GMPR1 Antibody
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid; 0.2um filtered solution in PBS
Purity/Purification	Protein A & Antigen Affinity
Specificity	Human GMPR
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Matching Pairs	Antibody: GMPR (MBS8125209) Immunogen: GMPR (MBS8121891)
Immunogen	Recombinant Human GMPR Protein
Preparation	Produced in rabbits immunized with purified, recombinant Human GMPR (rh GMPR). GMPR specific IgG was purified by Human GMPR affinity chromatography.
Applications Tested/Suitable for anti-GMPR antibody	ELISA (EIA)
Application Notes for anti-GMPR antibody	ELISA: 1:5000-1:10000
Related Product Information for anti-GMPR antibody	GMPR, also known as GMPR1, belongs to the IMPDH/GMPR family.This familyofenzymesincludesIMP dehydrogenaseandGMP reductase. These enzymes are involved inpurine metabolism and adopt aTIM barrelstructure. GMPR is an enzyme that catalyzes the irreversible and NADPH-dependent reductive deamination of GMP to IMP. GMPR functions in the conversion of nucleobase, nucleoside and nucleotide derivatives of G to A nucleotides, and in maintaining the intracellular balance of A and G nucleotides.
Product References and Citations for anti-GMPR antibody	Deng Y., et al.,(2002), NADPH-dependent GMP reductase isoenzyme of human (GMPR2). Expression, purification, and kinetic properties. Int. J. Biochem. Cell Biol. 34:1035-1050. Zhang J., et al., (2003), Cloning and functional characterization of GMPR2, a novel human guanosine monophosphate reductase, which promotes the monocytic differentiation of HL-60 leukemia cells.J. Cancer Res. Clin. Oncol. 129:76-83. Ivens A.C., et al.,(2005), The genome of the kinetoplastid parasite, Leishmania major.Science 309:436-442.
Other Notes	Small volumes of anti-GMPR 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 GMPR purchase	MBS8125209 is an antibody targeting GMPR. Also known as Anti-GMPR Antibody, Rabbit Polyclonal. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

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

Protein Family	GMP reductase
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