PMAT Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PMAT, Polyclonal Antibody
Full Product Name	PMAT, NT (ENT4, Equilibrative Nucleoside Transporter 4, FLJ34923, Solute Carrier Family 29 Member 4, Slc29a4) (MaxLight 650)
Product Gene Name	anti-PMAT antibody
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 MaxLight650.
Purity/Purification	Purified by Protein G Affinity Chromatography.
Specificity	Recognizes human SLC29A4.
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: MaxLight650 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	57.968
3D Structure	ModBase 3D Structure for Q8R139
Immunogen	Synthetic peptide selected from the N-terminal region of human SLC29A4 (KLH).
Conjugate	MaxLight650
Note	Preservative Free
Product Categories/Family for anti-PMAT antibody	Antibodies; Transport Proteins
Applications Tested/Suitable for anti-PMAT antibody	Immunohistochemistry (IHC), FLISA, Western Blot (WB)
Application Notes for anti-PMAT antibody	IHC: 1:10-1:50 FLISA: 1:1,000 WB: 1:50-1:100 Applications are based on unconjugated antibody.
Related Product Information for anti-PMAT antibody	MBS6494029 is an antibody targeting PMAT. Also known as PMAT, NT (ENT4, Equilibrative Nucleoside Transporter 4, FLJ34923, Solute Carrier Family 29 Member 4, Slc29a4) (MaxLight 650). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-PMAT antibody	1. Barnes, K., Circ. Res. 99(5), 510-519 (2006). 2. Engel, K., J. Biol. Chem. 279(48), 50042-50049 (2004).
Other Notes	Small volumes of anti-PMAT 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 PMAT. It may not necessarily be applicable to this product.

NCBI GI #	22122849
NCBI GeneID	243328
NCBI Accession #	NP_666369
UniProt Primary Accession #	Q8R139
UniProt Related Accession #	Q8R139
GenBank Nucleotide #	NP_666369.1
NCBI Official Full Name	equilibrative nucleoside transporter 4
NCBI Official Synonym Full Names	solute carrier family 29 (nucleoside transporters), member 4
NCBI Official Symbol	Slc29a4
NCBI Official Synonym Symbols	ENT4; mPMAT
UniProt Protein Name	Equilibrative nucleoside transporter 4
UniProt Synonym Protein Names	Solute carrier family 29 member 4
UniProt Gene Name	Slc29a4
UniProt Synonym Gene Names	Ent4
UniProt Entry Name	S29A4_MOUSE
NCBI Protein Information	equilibrative nucleoside transporter 4
Research Articles on PMAT	**1.** PMAT is a major transporter for choroid plexus uptake of bioactive amines and xenobiotic cations.
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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