Matrix Extracellular Phosphoglycoprotein (MEPE) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Matrix Extracellular Phosphoglycoprotein (MEPE), Polyclonal Antibody
Full Product Name	APC/CY7-Linked Polyclonal Antibody to Matrix Extracellular Phosphoglycoprotein (MEPE)
Product Gene Name	anti-MEPE antibody
Product Synonym Names	OF45; Asarm Motif-Containing; Osteoblast/Osteocyte Factor 45
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Concentration	>=100ug/ml (lot specific)
Matching Pairs	Unconjugated Antibody: MEPE (MBS2025907) APC-CY7 Conjugated Antibody: MEPE (MBS2052892)
Matching Pairs	APC-CY7 Conjugated Antibody: MEPE (MBS2052892) Immunogen: MEPE (MBS2031837)
Molecular Weight	45,291 Da
OMIM	AJ276396 mRNA
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Immunogen	MEPE (Ser212~Asn445)
Conjugation	APC-Cy7
Cross Reactivity	Human
Unconjugated Antibody	The unconjugated antibody version of this item is also available as catalog #MBS2025907
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-MEPE antibody	Western Blot (WB), Immunocytochemistry (ICC), Immunohistochemistry (IHC) Formalin/Paraffin, ELISA (ELISA)
Related Product Information for anti-MEPE antibody	MBS2052892 is an antibody targeting MEPE. Also known as APC/CY7-Linked Polyclonal Antibody to Matrix Extracellular Phosphoglycoprotein (MEPE). Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-MEPE 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 MEPE. It may not necessarily be applicable to this product.

NCBI GI #	14586741
NCBI Accession #	AAK70343.1
UniProt Secondary Accession #	A1A4X9; A8MTA3; D2CFR4; F5H5C5
NCBI Official Full Name	matrix extracellular phosphoglycoprotein

UniProt Protein Name	Matrix extracellular phosphoglycoprotein
UniProt Synonym Protein Names	Osteoblast/osteocyte factor 45; OF45
Protein Family	Matrix extracellular phosphoglycoprotein
UniProt Gene Name	MEPE
UniProt Synonym Gene Names	OF45
UniProt Comments for MEPE	MEPE: Promotes renal phosphate excretion and modulates mineralization. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 4q22.1 Molecular Function: extracellular matrix structural constituent; protein binding Biological Process: biomineral formation; skeletal development
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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