MFGE8 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MFGE8, Polyclonal Antibody
Full Product Name	MFGE8
Product Gene Name	anti-MFGE8 antibody
Product Synonym Gene Name	BA46; EDIL1; HMFG; HsT19888; MFG-E8; MFGM; OAcGD3S; SED1; SPAG10; hP47
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human Predicted: Rat, Mouse
Form/Format	Already dissolved in sterile H2O with 1% BSA and 0.02% NaN3 and 50% Glycerol.
Purity/Purification	Purified By Antigen Affinity Column
Molecular Weight	43KD
Immunogen	Recombinant fragment corresponding to 131-312aa of human MFGE8.
Cellular Localization	Amyloid, Membrane, Secreted
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-MFGE8 antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-MFGE8 antibody	ELISA: 1:20,000-80,000 WB: 1:200-1,000 IHC: 1:100-500
Related Product Information for anti-MFGE8 antibody	MBS8561558 is an antibody targeting MFGE8. Reactive in Human Predicted: Rat, Mouse. Host: Rabbit. Homo sapiens milk fat globule-EGF factor 8 protein, mRNA
Product References and Citations for anti-MFGE8 antibody	Li X, Li D, Pang X, Yang G. et al. Quantitative analysis of glycans, related genes, and proteins in two human bone marrow stromal cell lines using an integrated strategy. Exp Hematol. 43(9):760-9.e7 (2015)
Other Notes	Small volumes of anti-MFGE8 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 MFGE8. It may not necessarily be applicable to this product.

NCBI GI #	13177648
NCBI GeneID	4240
UniProt Related Accession #	Q08431
GenBank Nucleotide #	NM_001114614.2
NCBI Official Full Name	MFGE8 protein

NCBI Official Synonym Full Names	milk fat globule-EGF factor 8 protein
NCBI Official Symbol	MFGE8
NCBI Official Synonym Symbols	BA46; HMFG; MFGM; SED1; hP47; EDIL1; MFG-E8; SPAG10; OAcGD3S; HsT19888
Protein Family	Lactadherin
NCBI Protein Information	lactadherin
NCBI Summary for MFGE8	This gene encodes a preproprotein that is proteolytically processed to form multiple protein products. The major encoded protein product, lactadherin, is a membrane glycoprotein that promotes phagocytosis of apoptotic cells. This protein has also been implicated in wound healing, autoimmune disease, and cancer. Lactadherin can be further processed to form a smaller cleavage product, medin, which comprises the major protein component of aortic medial amyloid (AMA). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2015]
Research Articles on MFGE8	**1.** Our findings indicate that MFG-E8 may be a potential marker for poor prognosis and survival in breast cancer.
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