MAEA Antibody

PRODUCT OVERVIEW

Product Name	MAEA, Antibody
Full Product Name	MAEA Antibody
Product Gene Name	anti-MAEA antibody
Molecular Weight	26,802 Da
OMIM	606801
3D Structure	ModBase 3D Structure for Q7L5Y9
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-MAEA antibody	MBS8505170 is an antibody targeting MAEA. Also known as MAEA Antibody.
Other Notes	Small volumes of anti-MAEA 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 MAEA. It may not necessarily be applicable to this product.

NCBI GI #	62953131
NCBI GeneID	10296
NCBI Accession #	NP_001017405.1
UniProt Primary Accession #	Q7L5Y9
UniProt Secondary Accession #	O95285; Q5JB54; Q6ZRD6; Q9BQ11; Q9H9V6; Q9H9Z4; Q9NW84
UniProt Related Accession #	Q7L5Y9
GenBank Nucleotide #	NM_001017405.2
NCBI Official Full Name	macrophage erythroblast attacher isoform 1
NCBI Official Synonym Full Names	macrophage erythroblast attacher
NCBI Official Symbol	MAEA
NCBI Official Synonym Symbols	EMP; EMLP; GID9; PIG5; HLC-10
UniProt Protein Name	Macrophage erythroblast attacher
UniProt Synonym Protein Names	Cell proliferation-inducing gene 5 protein; Erythroblast macrophage protein; Human lung cancer oncogene 10 protein; HLC-10
Protein Family	Macrophage erythroblast attacher
UniProt Gene Name	MAEA
UniProt Synonym Gene Names	EMP; HLC-10
NCBI Protein Information	macrophage erythroblast attacher

NCBI Summary for MAEA	This gene encodes a protein that mediates the attachment of erythroblasts to macrophages. This attachment promotes terminal maturation and enucleation of erythroblasts, presumably by suppressing apoptosis. The encoded protein is an integral membrane protein with the N-terminus on the extracellular side and the C-terminus on the cytoplasmic side of the cell. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]
UniProt Comments for MAEA	Plays a role in erythroblast enucleation and in the development of the mature macrophages. Mediates the attachment of erythroid cell to mature macrophages, in correlation with the presence of MAEA at cell surface of mature macrophages; This MAEA-mediated contact inhibits erythroid cells apoptosis. Participates in erythroblastic island formation, which is the functional unit of definitive erythropoiesis. Associates with F-actin to regulate actin distribution in erythroblasts and macrophages. May contribute to nuclear architecture and cells division events.
Research Articles on MAEA	**1.** Emp expression correlates with erythroblastic island formation and has an important function for bone marrow hematopoiesis.
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