CD69 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CD69, Monoclonal Antibody
Full Product Name	CD69 (Activation Inducer Molecule, AIM, BLAC/P26, CLEC2C, EA1, Early Activation Antigen CD69, Early T cell Activation Antigen p60, GP32/28, Leu2 (MaxLight 750)
Product Gene Name	anti-CD69 antibody
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	4H3
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human CD69.
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 amo immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight750 conjugates are sensitive to light. For maximum recovery of produc original vial prior to removing the cap.
Immunogen	Partial recombinant corresponding to aa90-199 from human CD69 (AAH07037) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	VGYQRKCYFISTVKRSWTSAQNACSEHGATLAVIDSEKDMNFLKRYAGREEHWVGLKKEPGHPWKWSNGKEFNNWFNVTGSDKCVFLKNTEVSSMEC
Conjugate	MaxLight750
Product Categories/Family for anti-CD69 antibody	Antibodies; CD Markers
Applications Tested/Suitable for anti-CD69 antibody	FLISA, Immunoprecipitation (IP)
Application Notes for anti-CD69 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-CD69 antibody	The CD69 cell surface antigen, also known as activation inducer molecule (AIM), is expressed as an early activation marker on T and B lymphocytes.
Other Notes	Small volumes of anti-CD69 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessa 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 apply.

Searchable Terms for CD69 purchase	MBS6232033 is an antibody targeting CD69. Also known as CD69 (Activation Inducer Molecule, AIM, BLAC/P26, CLEC2C, EA1, Early Activation Antig cell Activation Antigen p60, GP32/28, Leu23, MLR-3) (MaxLight 750). Reactive in Human. Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD69. It may not necessarily be applicable to this product.

NCBI GI #	13937862
NCBI GeneID	969
NCBI Accession #	BC007037
NCBI Related Accession #	AAH07037
UniProt Related Accession #	Q07108
NCBI Official Full Name	Homo sapiens CD69 molecule, mRNA
NCBI Official Synonym Full Names	CD69 molecule
NCBI Official Symbol	CD69
NCBI Official Synonym Symbols	AIM; EA1; MLR-3; CLEC2C; GP32/28; BL-AC/P26
Protein Family	Early activation antigen
NCBI Protein Information	early activation antigen CD69
NCBI Summary for CD69	This gene encodes a member of the calcium dependent lectin superfamily of type II transmembrane receptors. Expression of the encoded protein is induced upon activation of T lymphocytes, and may play a role in proliferation. Furthermore, the protein may act to transmit signals in natural killer cells and platelets. [provided by RefSeq, Aug 2011]
Research Articles on CD69	**1.** Oxidized low-density lipoprotein binding to CD69 confers a regulatory phenotype to human T cells, dampening Th17 responses and ameliorating atherosclerosis.
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