CD69 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CD69, Monoclonal Antibody
Full Product Name	CD69 antibody
Product Gene Name	anti-CD69 antibody
Product Synonym Names	Mouse monoclonal CD69 antibody; Monoclonal CD69 antibody; Anti-CD69 antibody; CD 69 antibody; CD-69; CD 69; CD69; AIM antibody; VEA antibody; CD-69 antibody; mlR3 antibody
Clonality	Monoclonal
Isotype	IgG1 kappa
Clone Number	FN50
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied in aqueous buffer with 0.09% sodium azide, may contain carrier protein/stabilizer.
Purity/Purification	Purified by affinity chromatography.
Concentration	500 ug/ml (lot specific)
Specificity	Human
Preparation and Storage	Store at 2-8 degree C. Do not freeze. Protect from light.
Molecular Weight	2,282 Da
3D Structure	ModBase 3D Structure for Q6LAB3
Product Categories/Family for anti-CD69 antibody	Immunology
Applications Tested/Suitable for anti-CD69 antibody	Flow Cytometry (FC/FACS), Functional Assay, Immunohistochemistry (IHC)
Application Notes for anti-CD69 antibody	FC/FACS: = 0.125 ug/test A test is defined as the amount (ug) of antibody that will stain a cell sample in a final volume of 100 ul. Cell number should be determined empirically but can range from 105 to 108 cells/test. It is recommended that the antibody be carefully titrated for optimal /formance in the assay of interest.
Related Product Information for anti-CD69 antibody	The FN50 monoclonal antibody reacts with human CD69, also known as very early activation antigen. CD69 is approximately 30 kDa and is expressed on the cell-surface as a disulfide-linked dimer. CD69 is rapidly upregulated upon activation and expressed on lymphocytes, monocytes and platelets.
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 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.
Searchable Terms for CD69 purchase	MBS5309257 is an antibody targeting CD69. Also known as CD69 antibody. 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 #	793838

NCBI GeneID	969
NCBI Accession #	CAA86225.1
UniProt Primary Accession #	Q6LAB3
UniProt Related Accession #	Q07108
NCBI Official Full Name	CD69, partial
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
UniProt Protein Name	CD69 protein
UniProt Synonym Protein Names	CD69 protein
Protein Family	Early activation antigen
UniProt Gene Name	CD69
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.** this paper shows that decrease of CD69 levels on TCR Valpha7.2(+)CD4(+) innate-like lymphocytes is associated with impaired cytotoxic functions in chronic hepatitis B virus-infected patients
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