

Mouse CD69 Monoclonal Antibody | anti-CD69 antibody

MOUSE ANTI HUMAN CD69:FITC

CATALOG # AAA49543	HOST Mouse	APPLICATIONS Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry
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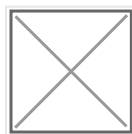
PRODUCT SYNONYMS

CD69; Monoclonal Antibody; MOUSE ANTI HUMAN CD69:FITC; anti-CD69 antibody

PRODUCT SPECIFICATIONS

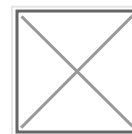
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	FN50
Form/Format	FITC Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Concentration	IgG concentration 0.1 mg/ml (varies by lot)
Sequence Length	199
Applicable Applications for anti-CD69 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin Preparation
Buffer Solution	Phosphate buffered saline
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data

PHA stimulated human PBMCs stained with Mouse anti Human CD69:FITC



Application Data

PHA stimulated human PBMCs stained with Mouse anti Human CD69 followed by Rabbit F(ab')₂ anti Mouse IgG:FITC

ADDITIONAL INFORMATION

Related Product Information for anti-CD69 antibody	Mouse anti Human CD69 antibody, clone FN50 recognizes the human early activation antigen CD69, also known as activation inducer molecule (AIM), Early T-cell activation antigen p60, EA1 or MLR-3. CD69 is a 199 amino acid single pass type II transmembrane glycoprotein of ~30kDa containing a single C-type lectin domain and a single potential N-glycosylation site. CD69 is expressed as a disulphide bond linked homodimer of ~60kDa (López-Cabrera et al. 1993). CD69 is a marker of early activation expressed by B and T lymphocytes, natural killer cells(Werfel
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502681
NCBI GeneID	969
NCBI Accession #	NP_001772.1
NCBI GenBank Nucleotide #	NM_001781.2
UniProt Accession #	Q07108
Molecular Weight	22,559 Da
NCBI Official Full Name	early activation antigen CD69
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
NCBI Protein Information	early activation antigen CD69; C-type lectin domain family 2, member C; CD69 antigen (p60, early T-cell activation antigen); activation inducer molecule (AIM/CD69); early T-cell activation antigen p60; early lymphocyte activation antigen; leukocyte surface antigen Leu-23
UniProt Protein Name	Early activation antigen CD69
UniProt Gene Name	CD69
UniProt Synonym Gene Names	CLEC2C; AIM
UniProt Entry Name	CD69_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd69-antibody-clone-fn50-immunofluorescence-flow-cytometry-immunohistochemistry-elisa/49543>