

CD69 recombinant antibody

Rabbit anti-CD69 Recombinant Monoclonal Antibody [BLR170J]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213624	Rabbit	Human	Flow Cytometry, Functional Assay, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

CD69; Monoclonal Recombinant Antibody; Rabbit anti-CD69 Recombinant Monoclonal Antibody [BLR170J]; EA1; MLR-3; leukocyte surface antigen Leu-23; Activation inducer molecule; GP32/28; early T-cell activation antigen p60; early lymphocyte activation antigen; early activation antigen CD69; C-type lectin domain family 2 member C; CLEC2C; CD69 antigen (p60; early T-cell activation antigen); CD antigen CD69; BL-AC/P26; activation inducer molecule (AIM/CD69); AIM; C-type lectin domain family 2; member C; Early activation antigen CD69; CD69 molecule; CD69 recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	BLR170J
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
Concentration	100ug/ml (varies by lot)
Applicable Applications for CD69 recombinant antibody	FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Residues 64-199 (ECD)
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human CD69 by western blot. Samples: Whole cell lysate (10 ug) from MUTZ-3, Jurkat, HEK293T, MOLT-4, and U-937 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-CD69 recombinant monoclonal antibody (AAA213624 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .



ICC (Immunocytochemistry)

Detection of human CD69 in FFPE MUTZ-3 cells by immunocytochemistry. Antibody: Rabbit anti-CD69 recombinant monoclonal antibody (AAA213624 lot 1). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.



FCM/FACS (Flow Cytometry)

Detection of human CD69 (shaded) in Mutz-3 cells by flow cytometry. Antibody: Rabbit anti-CD69 recombinant monoclonal (AAA213624 lot 1) or isotype control (unshaded). Secondary: DyLight 488-conjugated goat anti-rabbit IgG .

ADDITIONAL INFORMATION

Related Product Information for CD69 recombinant antibody	CD69 is a member of the calcium dependent lectin superfamily of type II transmembrane receptors. CD69 expression is involved in lymphocyte proliferation and functions as a signal transmitting receptor in lymphocytes, natural killer (NK) cells, and platelets [taken from NCBI Entrez Gene (Gene ID: 969)].
Product Categories/Family for CD69 recombinant antibody	Primary Antibodies

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
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-recombinant-antibody-clone-blr170j-flow-cytometry-immunocytochemistry-western-blot-elisa/213624>