

Mouse anti-Human CD69 Monoclonal Antibody | anti-CD69 antibody

Monoclonal Antibody to CD69 (Clone: ABM39A4) BSA Free

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78583	Mouse	Human	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry

PRODUCT SYNONYMS

CD69; Monoclonal Antibody; Monoclonal Antibody to CD69 (Clone: ABM39A4) BSA Free; CLEC2C; anti-CD69 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2a Kappa
Clone Number	ABM39A4
Purity/Purification	Protein G Chromatography
Form/Format	Purified. 25ug in 50 ul/100ug in 200 ul PBS containing 0.05% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-CD69 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Immunogen	Full length recombinant CD69 protein was used as the immunogen for this antibody.
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



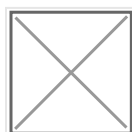
WB (Western Blot)

Figure-5: Western blot analysis of CD69. Anti- CD69 antibody (Clone: ABM39A4) was used at 2 ug/ml on U937 lysate.



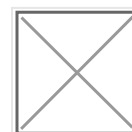
WB (Western Blot)

Figure-4: Western blot analysis of CD69. Anti- CD69 antibody (Clone: ABM39A4) was used at 4 ug/ml on (1)Daudi and (2) h Lung lysates.



Application Data

Figure-3: Immunohistochemical analysis of CD69 in human Prostate tissue using CD69 antibody (Clone: ABM39A4) at 5 ug/ml.



IHC (Immunohistochemistry)

Fig-2: Immunohistochemical analysis of CD69 in human kidney tissue using CD69 antibody (Clone: ABM39A4) at 5 ug/ml.



FCM/FACS (Flow Cytometry)

Fig-1: Cell surface FLOW analysis of hCD69 (10-4110) in PBMC treated 3 days with PMA + Ionomycin (Lymphocytes gated) using 0.5 ug/antibody per 10⁶ cells. Green represents PBMC W/O treatment, red represents PBMC with treatment. Goat anti-mouse PE conjugated secondary antibody was used.

ADDITIONAL INFORMATION

Related Product Information for anti-CD69 antibody	CD69 is a type II transmembrane protein of the C-type lectin family and its gene is located within the natural killer gene complex. In healthy subjects, CD69 is not detected in peripheral blood lymphocytes, but is expressed on small subsets of T and B cells in peripheral lymphoid tissues. CD69 gene maps at human chromosome 12, and behaves as an early activation gene that contains responsive elements for the transcription factors NF-kappaB, ERG-1 and AP-1. This protein acts as a leukocyte activation marker, and is involved in the activation of different leukocyte subsets as well as in the pathogenesis of chronic inflammation.
Product Categories/Family for anti-CD69 antibody	Antibodies ; Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	584906
NCBI GeneID	969
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; leukocyte surface antigen Leu-23; early T-cell activation antigen p60; early lymphocyte activation antigen; activation inducer molecule (AIM/CD69); C-type lectin domain family 2, member C; CD69 antigen (p60, early T-cell act
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-abm39a4-western-blot-flow-cytometry-immunohistochemistry-elisa/78583>