

Rabbit anti-Human CD69 Polyclonal Antibody | anti-CD69 antibody

CD69 Antibody (Center)

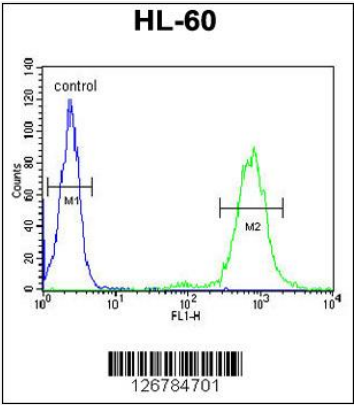
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288035	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

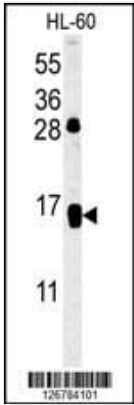
CD69; Polyclonal Antibody; CD69 Antibody (Center); Early activation antigen CD69; Activation inducer molecule; AIM; BL-AC/P26; C-type lectin domain family 2 member C; EA1; Early T-cell activation antigen p60; GP32/28; Leukocyte surface antigen Leu-23; MLR-3; CLEC2C; anti-CD69 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CD69 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 119-148 amino acids from the Central region of human CD69.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	119-148
Sequence Length	199
Applicable Applications for anti-CD69 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
CD69 Antibody (Center) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
CD69 Antibody (Center) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the CD69 antibody detected the CD69 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CD69 antibody	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. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-CD69 antibody	Immunology; Signal Transduction
References	Davila, S., et al. Genes Immun. (2010) In press : Kolenko, P., et al. Acta Crystallogr. Sect. F Struct. Biol. Cryst. Commun. 65 (PT 12), 1258-1260 (2009) : Hu, M., et al. J. Mol. Recognit. 22(6):516-520(2009) Radstake, T.R., et al. PLoS ONE 4 (6), E5981 (2009) : Natarajan, K., et al. Biochemistry 39(48):14779-14786(2000) Vance, B.A., et al. Arch. Biochem. Biophys. 368(2):214-220(1999) Lopez-Cabrera, M., et al. J. Biol. Chem. 270(37):21545-21551(1995) Bezouska, K., et al. Biochem. Biophys. Res. Commun. 208(1):68-74(1995) Santis, A.G., et al. Eur. J. Immunol. 24(7):1692-1697(1994) Lopez-Cabrera, M., et al. J. Exp. Med. 178(2):537-547(1993) Ziegler, S.F., et al. Eur. J. Immunol. 23(7):1643-1648(1993) Cambiaggi, C., et al. Immunogenetics 36(2):117-120(1992)

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	22559
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://www.aaabiotech.com/polyclonal/cd69-antibody-flow-cytometry-western-blot-elisa/288035>