

For Research Use Only

CD69 Recombinant antibody

Catalog Number: 84258-7-RR



Basic Information

Catalog Number: 84258-7-RR	GenBank Accession Number: NM_001781.2	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by 969 Nanodrop;	GeneID (NCBI): 969	CloneNo.: 241552A2
Source: Rabbit	UNIPROT ID: Q07108	Recommended Dilutions: WB 1:1000-1:4000
Isotype: IgG	Full Name: CD69 molecule	
	Calculated MW: 23 kDa	
	Observed MW: 35 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : BxPC-3 cells, Jurkat cells
Species Specificity: human	

Background Information

CD69, also known as AIM, EA-1, Leu-23, and MLR3, is a type II transmembrane glycoprotein that belongs to the C-type lectin superfamily (PMID: 8340758; 7804122). CD69 is constitutively expressed by mature thymocytes, platelets, several subsets of tissue resident immune cells (including resident memory T cells and gamma delta T cells), and is inducibly expressed by activated T cells, B cells, natural killer (NK) cells, monocytes, neutrophils (PMID: 8100776; 28475283). CD69 has been identified as an early activation marker of lymphocytes and is commonly used as a marker of activated lymphocytes and NK cells (PMID: 28475283; 25759842). It is involved in the regulation of immune responses (PMID: 15745855).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

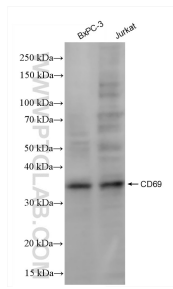
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

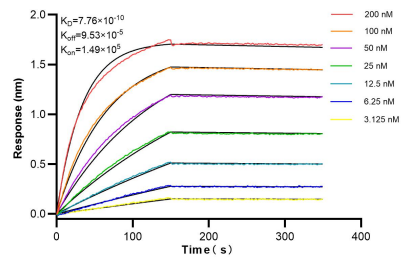
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84258-7-RR (CD69 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84258-7-RR against Human CD69 were performed. The affinity constant is 0.776 nM.