

For Research Use Only

Anti-Mouse CD69 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98440-2-PBS



Basic Information

Catalog Number: 98440-2-PBS	GenBank Accession Number: NM_001033122.3	Purification Method: Protein A purification
Concentration: 1mg, 3000 µg/ml	GeneID (NCBI): 12515	CloneNo.: 250269C11
Source: Rabbit	UNIPROT ID: P37217	
Isotype: IgG	Full Name: CD69 antigen	
Immunogen Catalog Number: EG3835	Calculated MW: 23 kDa	

Applications

Tested Applications:
FC

Species Specificity:
mouse

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

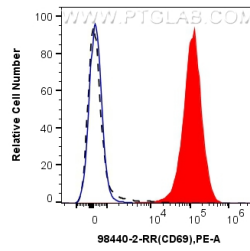
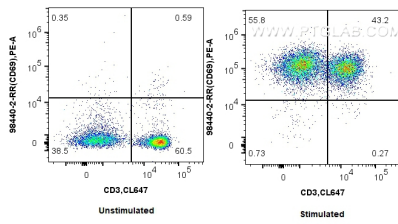
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1×10^6 untreated or anti-CD3/CD28 treated mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD69 Rabbit RecAb (98440-2-RR, Clone:250269C11) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were then stained with CoraLite® Plus 647 Anti-Mouse CD3. Cells were not fixed. This data was developed using the same antibody clone with 98440-2-PBS in a different storage buffer formulation.

1×10^6 anti-CD3/CD28 treated mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD69 Rabbit RecAb (98440-2-RR, Clone: 250269C11) (red) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). 1×10^6 untreated mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD69 Rabbit Recombinant Antibody (98440-2-RR, Clone: 250269C11) and PE-Conjugated Goat Anti-Rabbit IgG(H+L)