

For Research Use Only

Anti-Human CD69 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98173-2-PBS



Basic Information

| | | |
|-------------------------------------|--|--|
| Catalog Number: 98173-2-PBS | GenBank Accession Number: NM_001781.2 | Purification Method: Protein A purification |
| Size: 1mg, 2 mg/ml | GeneID (NCBI): 969 | CloneNo.: 241552G10 |
| Source: Rabbit | UNIPROT ID: Q07108 | |
| Isotype: IgG | Full Name: CD69 molecule | |
| Immunogen Catalog Number: EG1791 | Calculated MW: 23 kDa | |

Applications

Tested Applications:
FC

Species Specificity:
human, monkey, non-human primates

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

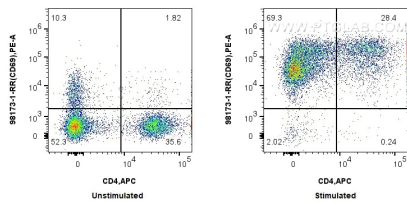
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

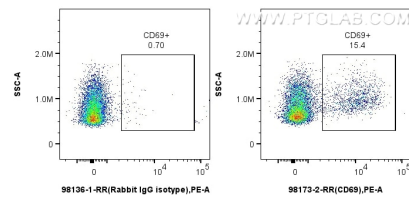
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

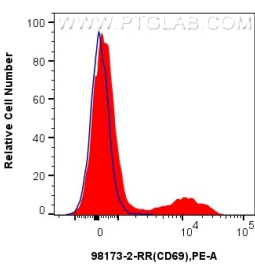
Selected Validation Data



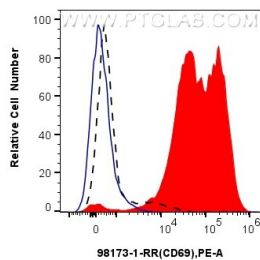
1x10⁶ untreated or PHA-treated human PBMCs were surface stained with 0.25 ug Anti-Human CD69 Rabbit Recombinant Antibody (98173-2-RR, Clone: 241552F1) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were then stained with APC Anti-Human CD4 (RPA-T4). Cells were not fixed. This data was developed using the same antibody clone with 98173-2-PBS in a different storage buffer formulation.



1x10⁶ Cyno PBMCs were surface stained with 0.25 ug Anti-Human CD69 Rabbit RecAb (98173-2-RR, Clone:241552G10) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9), and PE-conjugated Goat Anti-Rabbit IgG. Cells were not fixed. This data was developed using the same antibody clone with 98173-2-PBS in a different storage buffer formulation.



1x10⁶ cynomolgus PBMCs were surface stained with 0.25 ug Anti-Human CD69 Rabbit RecAb (98173-2-RR, Clone: 241552G10) (red) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-conjugated Goat Anti-Rabbit IgG. Cells were not fixed. This data was developed using the same antibody clone with 98173-2-PBS in a different storage buffer formulation.



1x10⁶ PHA-treated human PBMCs were surface stained with 0.25 ug Anti-Human CD69 Rabbit Recombinant Antibody (98173-2-RR, Clone: 241552F1) (red) or 0.25 ug Isotype Control (blue) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). 1x10⁶ untreated human PBMCs were surface stained with 0.25 ug Anti-Human CD69 Rabbit Recombinant Antibody (98173-2-RR, Clone:241552F1) (black, dashed) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were incubated

