

For Research Use Only

FcZero-rAb™ PE Anti-Human CD69 Rabbit Recombinant Antibody

Catalog Number: PE-FcA98173



Basic Information

Catalog Number:

PE-FcA98173

Size:

100 tests, 5 ul/test

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1791

GenBank Accession Number:

NM_001781.2

GeneID (NCBI):

969

Full Name:

CD69 molecule

Calculated MW:

23 kDa

Purification Method:

Protein A purification

CloneNo.:

241552F1

Excitation/Emission maxima
wavelengths:

496 nm, 565 nm / 578 nm

Applications

Tested Applications:

FC

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 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

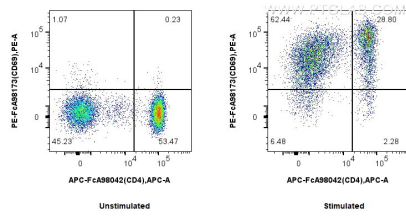
For technical support and original validation data for this product please contact:

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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



1x10⁶ untreated or PHA treated human PBMCs were surface stained with FcZero-rAb™ APC Anti-Human CD4 Rabbit Recombinant Antibody and 5 ul PE Anti-Human CD69 Rabbit RecAb (PE-FcA98173, Clone: 24152F1). Cells were not fixed.