

For Research Use Only

FcZero-rAb™ APC Anti-Human CD70 Rabbit Recombinant Antibody

Catalog Number: APC-FcA98098



Basic Information

Catalog Number:

APC-FcA98098

Size:

100 tests, 5 µl/test

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC000725

GeneID (NCBI):

970

Full Name:

CD70 molecule

Calculated MW:

21 kDa

Purification Method:

Protein A purification

CloneNo.:

241325D8

Excitation/Emission maxima wavelengths:

650 nm / 660 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Background Information

CD70 is the membrane-bound ligand of the CD27 receptor, which belongs to the tumor necrosis factor receptor superfamily. CD70 is not expressed in non-lymphoid normal tissue but is overexpressed in tumor cells of various solid cancers, diffuse large B-cell and follicular lymphoma and the malignant cells of Hodgkin lymphoma, Waldenström macroglobulinemia, and multiple myeloma (PMID: 28651374, 20699361). CD70/CD27 interactions play an important role in providing co-stimulation during the development of functional lymphocytes; strict control of CD70 expression is required for optimal signaling for immune cell activation (PMID: 21304103).

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

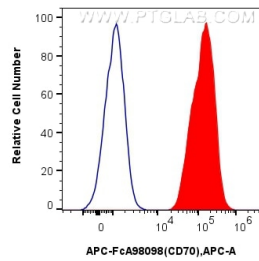
For technical support and original validation data for this product please contact:

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Selected Validation Data



1×10^6 U266 cells were surface stained with 5 μ l APC Anti-Human CD70 Rabbit RecAb (APC-FcA98098, Clone:241325D8), or 5 μ l APC Rabbit IgG Isotype Control RecAb (APC-FcA98136, Clone:240953C9). Cells were not fixed.