

For Research Use Only

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

Catalog Number: APC-FcA98098



## Basic Information

Catalog Number:

APC-FcA98098

Concentration:

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, also known as tumor necrosis factor ligand superfamily member 7 (TNFSF7) or CD27 ligand (CD27L), is a transmembrane protein that plays a significant role in the immune system. It is the unique ligand for CD27, a member of the tumor necrosis factor receptor (TNFR) family, and is transiently upregulated upon stimulation of immune cells. CD70 is expressed on lymphocytes and dendritic cells, and its expression can be regulated by activation signals received via toll-like receptors (TLRs), CD40, and the antigen receptor MHC II. It provides complex and not completely understood signaling for B cell development. CD70 is also expressed on various solid tumors and hematolymphoid malignancies, where it may contribute to a poor prognosis.

## 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:

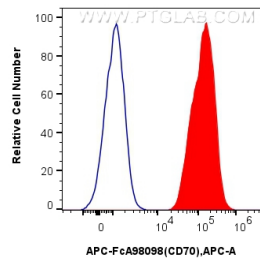
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W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



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