

For Research Use Only

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

Catalog Number: PE-FcA98098



## Basic Information

Catalog Number:

PE-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:

496 nm, 565 nm / 578 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

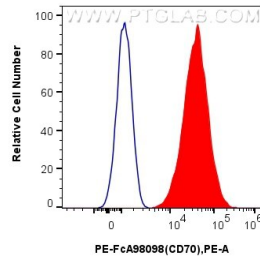
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



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