For Research Use Only

FcZero-rAb® PE Anti-Human CD90 Rabbit Recombinant Antibody

Catalog Number:PE-FcA98126 1 Publications

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Basic Information

Catalog Number:
PE-FcA98126

Concentration:
100tests, 5 ul/test

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
BC065559

GeneID (NCBI):
7070

UNIPROT ID:
P04216

Full Name:
Thy-1 cell surface antigen

Calculated MW:
161 aa, 18 kDa

Purification Method:
Protein A purification

CloneNo.:
241290B2

Recommended Dilutions:
FC: 5 ul per 10^6 cells in 100 μl suspension

Excitation/Emission maxima wavelengths:
496 nm, 565 nm / 578 nm

Applications

Tested Applications:
FC

Cited Applications:
FC

Species Specificity:
human

Cited Species:
human

Positive Controls:

FC : Hel 92.1.7 cells,

Background Information

CD90, also known as THY1, is a 25-35 kD protein that is expressed on 1-4% of human fetal liver cells, cord blood cells, and bone marrow cells. CD90 is one of the essential surface molecules expressed on human MSC from bone marrow and other sources. Activation of Thy-1 has been reported to promote T cell activation. It also affects numerous nonimmunologic biological processes, including cellular adhesion, neurite outgrowth, tumor growth, migration, and cell death.

Notable Publications

Author	Pubmed ID	Journal	Application
Jannis Buecking	42146651	bioRxiv	FC

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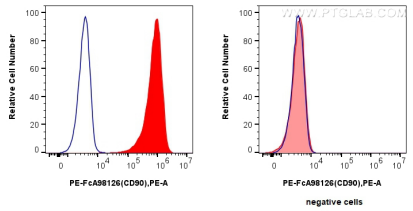
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10^6 Hel 92.1.7 cells (left) or K-562 cells (right) were surface stained with 5 ul PE Anti-Human CD90 Rabbit Recombinant Antibody (PE-FcA98126, Clone: 241290B2) (red), or PE Rabbit IgG Isotype Control Recombinant Antibody (PE-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.