

For Research Use Only

# FcZero-rAb™ PE Anti-Mouse CD34 Rabbit Recombinant Antibody

Catalog Number: PE-FcA98069



## Basic Information

Catalog Number:

PE-FcA98069

Size:

100ug , 200 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_133654

GeneID (NCBI):

12490

Full Name:

CD34 antigen

Calculated MW:

41 kDa

Purification Method:

Protein A purification

CloneNo.:

240659B11

Excitation/Emission maxima  
wavelengths:

496 nm, 565 nm / 578 nm

## Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : mouse bone marrow cells,

## Background Information

CD34 is a 105- to 120-kDa glycoprophosphoprotein expressed on the majority of hematopoietic stem/progenitor cells, bone marrow stromal cells, capillary endothelial cells, embryonic fibroblasts, and some nerve tissue. CD34 is a commonly used marker for identifying human hematopoietic stem/progenitor cells and mediates cell adhesion and lymphocyte homing by binding L-selectin and E-selectin ligands. CD34 is also one of the best negative selection markers for characterizing and/or isolating human MSCs from bone marrow and other sources. Along with other positive selection markers (such as CD29, CD44, CD90, CD105 and CD166), negative selection markers (such as CD34 and CD45) are used for MSC identification.

## 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

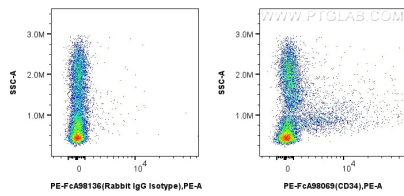
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1x10<sup>6</sup> mouse bone marrow cells were surface stained with 0.25 ug PE Anti-Mouse CD34 Rabbit RecAb (PE-FcA98069, Clone:240659B11) or 0.25 ug PE Rabbit IgG Isotype Control RecAb (PE-FcA98136, Clone: 240953C9). Cells were not fixed.