

For Research Use Only

FcZero-rAb™ APC Anti-Human FLT3/CD135 Rabbit Recombinant Antibody

Catalog Number: APC-FcA98106



Basic Information

Catalog Number: APC-FcA98106	GenBank Accession Number: BC036028	Purification Method: Protein A purification
Size: 100tests , 5 ul/test	GeneID (NCBI): 2322	CloneNo.: 241414F8
Source: Rabbit	Full Name: fms-related tyrosine kinase 3	Excitation/Emission maxima wavelengths: 650 nm / 660 nm
Isotype: IgG	Calculated MW: 993 aa, 113 kDa	

Applications

Tested Applications:
FC
Species Specificity:
human

Background Information

FLT3 (also known as CD135 or FLK2) is a tyrosine-protein kinase that acts as a cell-surface receptor for the cytokine FLT3LG and regulates differentiation, proliferation, and survival of hematopoietic progenitor cells and of dendritic cells. FLT3 was originally identified by its expression in hematopoietic stem/progenitor cells (PMID: 7507245). It is important for the normal development of hematopoietic stem/progenitor cells. Mutations that result in the constitutive activation of this receptor result in acute myeloid leukemia and acute lymphoblastic leukemia.

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.

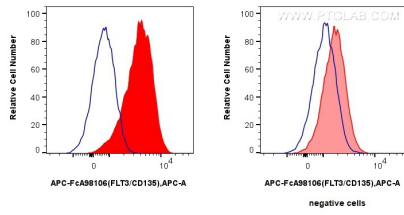
For technical support and original validation data for this product please contact:

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Selected Validation Data



1x10⁶ Reh cells (left) or U-937 cells (right) were surface stained with 5 ul APC Anti-Human FLT3/CD135 Rabbit Recombinant Antibody (APC-FcA98106, Clone: 241414F8) (red), or APC Rabbit IgG Isotype Control Recombinant Antibody (APC-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.