

For Research Use Only

# Anti-Human FLT3/CD135 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98106-1-PBS



## Basic Information

Catalog Number:

98106-1-PBS

Size:

1mg, 2mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC036028

GeneID (NCBI):

2322

UNIPROT ID:

P36888

Full Name:

fms-related tyrosine kinase 3

Calculated MW:

993 aa, 113 kDa

Purification Method:

Protein A purification

CloneNo.:

241414F8

## 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 -80°C.

Storage Buffer:

PBS Only

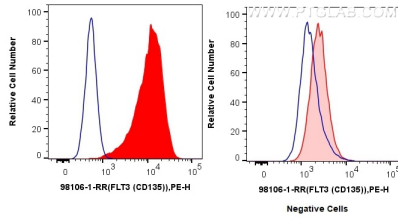
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## Selected Validation Data



1x10<sup>6</sup> Reh cells (left) or U-937 cells (right) were surface stained with 0.25 ug Anti-Human FLT3 Rabbit Recombinant Antibody (98106-1-RR, Clone:241414F8) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or Isotype Control (blue). Cells were not fixed. This data was developed using the same antibody clone with 98106-1-PBS in a different storage buffer formulation.