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PE Rabbit anti-Human Flt3/CD135 mAb

Catalog No.: A26382

Basic Information

Observed MW

Calculated MW
108KDa/113kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
ARC63039-PE

Conjugate
PE. Ex:565nm. Em:574nm.

Background

This gene encodes a class III receptor tyrosine kinase that regulates hematopoiesis. This receptor is activated by binding of the fms-related tyrosine kinase 3 ligand to the extracellular domain, which induces homodimer formation in the plasma membrane leading to autophosphorylation of the receptor. The activated receptor kinase subsequently phosphorylates and activates multiple cytoplasmic effector molecules in pathways involved in apoptosis, proliferation, and differentiation of hematopoietic cells in bone marrow. Mutations that result in the constitutive activation of this receptor result in acute myeloid leukemia and acute lymphoblastic leukemia.

Recommended Dilutions

FC   5 μl per 10^6 cells in 100 μl volume

Immunogen Information

Gene ID
2322

Swiss Prot
P36888

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 27-163 of human Flt3/CD135 (NP_004110.2).

Synonyms
FLK2; STK1; CD135; FLK-2

Contact

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Product Information

Source
Rabbit
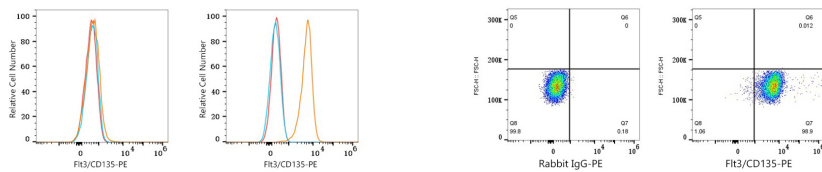
Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data

Flow cytometry: 1X10^6 HEL cells (negative control,left) and Reh cells (right) were surface-stained with PE Rabbit anti-Human Flt3/CD135 mAb (A26382,5 μl/Test,orange line) or PE Rabbit IgG isotype control (A24172,5 μl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1X10^6 Reh cells were surface-stained with PE Rabbit IgG isotype control (A24172,5 μl/Test,left) or PE Rabbit anti-Human Flt3/CD135 mAb (A26382,5 μl/Test,right).