

For Research Use Only

Anti-Human FLT3/CD135 Rabbit Recombinant Antibody

Catalog Number: 98106-1-RR



Basic Information

| | | |
|--------------------------------------|--|---|
| Catalog Number: 98106-1-RR | GenBank Accession Number: BC036028 | Purification Method: Protein A purification |
| Size: 100ug, 1000 ug/ml | GeneID (NCBI): 2322 | CloneNo.: 241414F8 |
| Source: Rabbit | UNIPROT ID: P36888 | |
| Isotype: IgG | Full Name: fms-related tyrosine kinase 3 | |
| | 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. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide, pH 7.3.

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

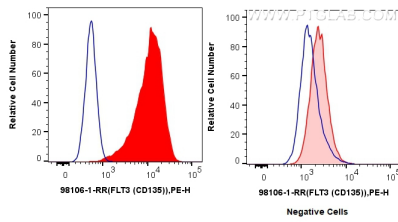
T: 4006900926

E: Proteintech-CN@ptglab.com

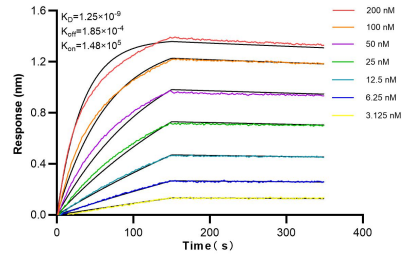
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Selected Validation Data



1x10⁶ 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.



Biolayer interferometry (BLI) kinetic assays of 98106-1-RR against Human FLT3/CD135 were performed. The affinity constant is 1.25 nM.