

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 µg/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

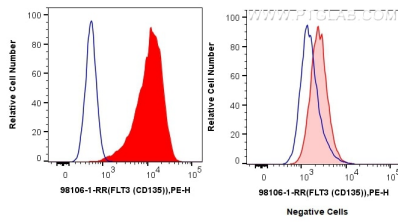
Storage:
Store at 2 - 8°C. Stable for one year after shipment.

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

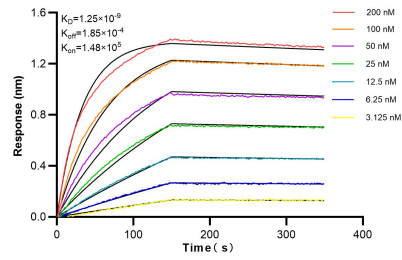
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1x10⁶ Reh cells (left) or U-937 cells (right) were surface stained with 0.25 µg 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.