

For Research Use Only

FLT3 Polyclonal antibody

Catalog Number: 30297-1-AP



Basic Information

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| Catalog Number: 30297-1-AP | GenBank Accession Number: BC126350 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 500 µg/ml by Nanodrop; | GeneID (NCBI): 2322 | Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB |
| Source: Rabbit | Full Name: fms-related tyrosine kinase 3 | |
| Isotype: IgG | Observed MW: 130 kDa, 150 kDa | |
| Immunogen Catalog Number: AG32898 | | |

Applications

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| Tested Applications: IP, WB, ELISA | Positive Controls: |
| Species Specificity: Human | WB : THP-1 cells, IP : THP-1 cells, |

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

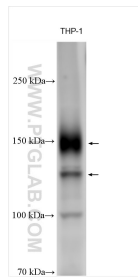
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

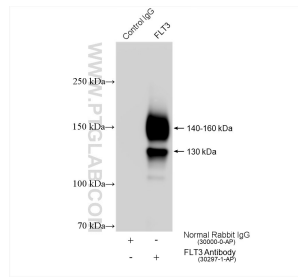
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



THP-1 cells were subjected to SDS PAGE followed by western blot with 30297-1-AP (FLT3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP result of anti-FLT3(IP:30297-1-AP, 4ug; Detection:30297-1-AP 1:500) with THP-1 cells lysate 2720 ug.