

For Research Use Only

FLT3 Polyclonal antibody

Catalog Number: 30297-1-AP



Basic Information

Catalog Number:

30297-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32898

GenBank Accession Number:

BC126350

GeneID (NCBI):

2322

UNIPROT ID:

P36888

Full Name:

fms-related tyrosine kinase 3

Calculated MW:

112 kDa

Observed MW:

130 kDa, 150 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Species Specificity:

human

Positive Controls:

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

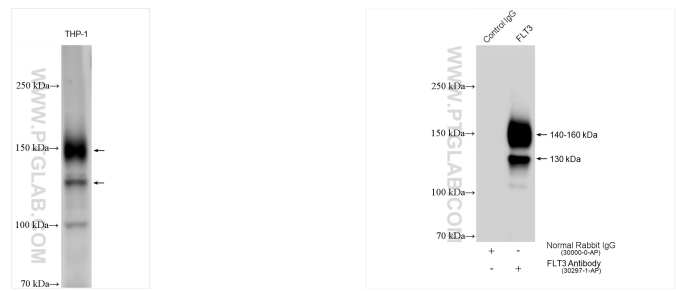
For technical support and original validation data for this product please contact:

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E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.