

For Research Use Only

# FLT3 Polyclonal antibody, PBS Only

Catalog Number: 30297-1-PBS

Featured Product



## Basic Information

Catalog Number:

30297-1-PBS

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

## Applications

Tested Applications:

WB, IF/ICC, IP, Indirect ELISA

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 -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

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

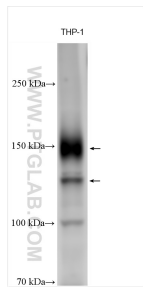
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

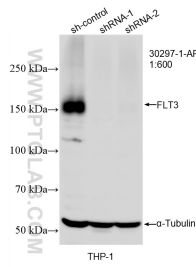
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

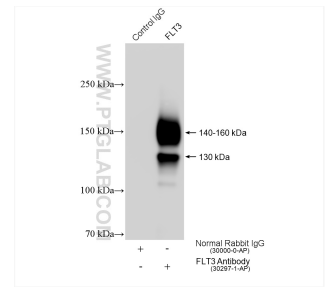
## Selected Validation Data



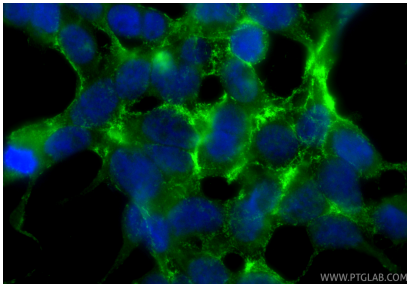
THP-1 cells were subjected to SDS PAGE followed by western blot with 30297-1-AP (FLT3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 30297-1-PBS in a different storage buffer formulation.



WB result of FLT3 antibody (30297-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-FLT3 transfected THP-1 cells. This data was developed using the same antibody clone with 30297-1-PBS in a different storage buffer formulation.



IP result of anti-FLT3 (IP:30297-1-AP, 4ug; Detection:30297-1-AP 1:500) with THP-1 cells lysate 2720 ug. This data was developed using the same antibody clone with 30297-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using FLT3 antibody (30297-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 30297-1-PBS in a different storage buffer formulation.