

## FLT3 (phospho-Tyr589/591) rabbit pAb

Catalog No: #13859



Package Size: #13859-1 50ul #13859-2 100ul

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## Description

Product Name	FLT3 (phospho-Tyr589/591) rabbit pAb
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Applications	WB
Species Reactivity	Human, Mouse
Specificity	This antibody detects endogenous levels of Human Mouse FLT3 (phospho-Tyr589 or 591)
Immunogen Description	Synthesized phospho peptide around human FLT3 (Tyr589 and 591)
Other Names	Receptor-type tyrosine-protein kinase FLT3 (EC 2.7.10.1) (FL cytokine receptor) (Fetal liver kinase-2) (FLK-2) (Fms-like tyrosine kinase 3) (FLT-3) (Stem cell tyrosine kinase 1) (STK-1) (CD antigen CD135)
Accession No.	Swiss Prot:P36888GenelD:2322
Uniprot	P36888
GeneID	2322
SDS-PAGE MW	117
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

## Application Details

WB 1:1000-2000

## Background

fms related tyrosine kinase 3(FLT3) Homo sapiens This gene encodes a class III receptor tyrosine kinase that regulates hematopoiesis. This receptor is activated by binding of the fms-related tyrosine kinase 3 ligand to the extracellular domain, which induces homodimer formation in the plasma membrane leading to autophosphorylation of the receptor. The activated receptor kinase subsequently phosphorylates and activates multiple cytoplasmic effector molecules in pathways involved in apoptosis, proliferation, and differentiation of hematopoietic cells in bone marrow. Mutations that result in the constitutive activation of this receptor result in acute myeloid leukemia and acute lymphoblastic leukemia. [provided by RefSeq, Jan 2015],

Note: This product is for in vitro research use only