

Phospho-FLT3-Y842 Rabbit pAb

Catalog No.: AP0509

Basic Information

Observed MW

Refer to figures

Calculated MW

113kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

Background

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.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

2322

Swiss Prot

P36888

Immunogen

A synthetic phosphorylated peptide around Y842 of human FLT3 (NP_004110.2).

Synonyms

FLK2; STK1; CD135; FLK-2; Phospho-FLT3-Y842

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.