



Swiss-Prot No.:	P36888
Storage/Stability:	Store at -20 °C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Immunogen:	A phospho specific peptide corresponding to residues surrounding Y842 of human FLT3
Purification:	Affinity purification
Reactivity:	Human
Other Names:	—
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.
Gene ID:	2322
Source:	Rabbit
Antibody type:	Phosphorylated Antibodies

Isotype:	IgG
Molecular Weight:	108kDa/112kDa
Recommended Dilutions:	WB 1:500 - 1:2000