

## FLT3

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:100

**Calculated MW:**113kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human FLT3

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

FLK2; STK1; CD135; FLK-2;

**Catalog #:**A7897

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**2322

**Isotype:**IgG

**Swiss Prot:**P36888

**Purity:**Affinity purification

For research use only.

**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.

*To place an order, please [Click HERE](#).*