
Product Information

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|---------------------|----------|----------------------|--------|--------------------|-------------|
| Product SKU: | CAB12462 | Gene ID: | 2322 | Size: | 20uL, 100uL |
| Clone No: | - | Host Species: | Rabbit | Reactivity: | Mouse,Rat |

Additional Information

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| Observed MW: | 118-155kDa | Conjugate: | Unconjugated |
| Calculated MW: | 113kDa | Isotype: | IgG |

Immunogen Information

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 Dilution: WB,1:500 - 1:2000

Synonyms: FLK2; STK1; CD135; FLK-2; FLT3

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 701-800 of human FLT3 (NP_004110.2).

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