CD135 polyclonal antibody

Catalog: BCP00386 Host: Rabbit Reactivity: Human,Mouse

BackGround:

FMS-related tyrosine kinase 3 (FLT3, also called FLK2), is a member of the Type III receptor tyrosine kinase family, which includes c-Kit, PDGFR and M-CSF receptors. FLT3 is expressed on early hematopoietic progenitor cells and supports growth and differentiation within the hematopoietic system. FLT3 is activated after binding with its ligand FL, which results in a cascade of tyrosine autophosphorylation and tyrosine phosphorylation of downstream substrates. The p85 subunit of PI3 kinase, SHP2, GRB2, and Shc have all been reported to associate with FLT3 after FL stimulation. Tyr589/591 is located in the juxtamembrane region of FLT3 and may play an important role in regulation of FLT3 tyrosine kinase activity. Somatic mutations of FLT3 consisting of internal tandem duplications (ITDs) occur in 20% of patients with acute myeloid leukemia.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

Molecular Weight:

~112 kDa

Swiss-Prot:

P36888

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:2000~1:5000

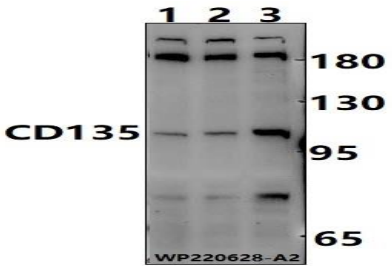
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

CD135 polyclonal antibody detects endogenous levels of CD135 protein.

DATA:



Western blot (WB) analysis of CD135 polyclonal antibody at 1:2000 dilution

Lane1:CT-26 whole cell lysate(30ug)

Lane2:HEPG2 whole cell lysate(30ug)

Lane3:H1792 whole cell lysate(30ug)

Note:

For research use only, not for use in diagnostic procedure.

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