

**CD135 polyclonal antibody**

Catalog: NCP0262P

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 auto-phosphorylation 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:**

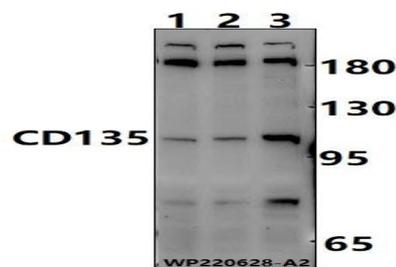
WB: 1:2000~1:5000

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C 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.

**Bioworld Technology, Inc.**

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

**Bioworld technology, co. Ltd.**

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151