

c-Kit (phospho-Y936) polyclonal antibody

Catalog: BCP00505

Host: Rabbit

Reactivity: Human

BackGround:

c-Kit is a transmembrane tyrosine kinase encoded by the c-Kit proto oncogene. c-Kit acts to regulate a variety of biological responses including cell proliferation, apoptosis, chemotaxis and adhesion. Ligand binding to the extracellular domain leads to autophosphorylation on several tyrosine residues within the cytoplasmic domain, and activation. Mutations in c-Kit have been found to be important for tumor growth and progression in a variety of cancers including mast cell diseases, gastrointestinal stromal tumor, acute myeloid leukemia, Ewing sarcoma and lung cancer. Phosphorylation at tyrosine 721 of c-Kit allows binding and activation of PI3 kinase.

Product:

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

Molecular Weight:

~ 120,145 kDa

Swiss-Prot:

P10721

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:

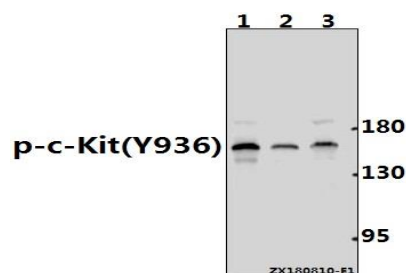
WB: 1:500~1:1000

Storage&Stability:

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

Specificity:

c-Kit (phospho-Y936) polyclonal antibody detects endogenous levels of c-Kit protein when phosphorylated at Tyr936.

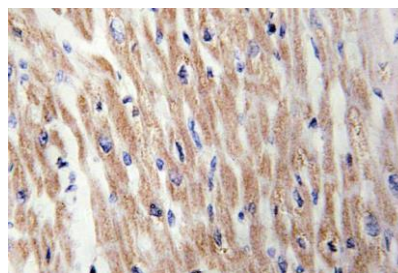
DATA:

Western blot (WB) analysis of p-c-Kit (Y936) pAb at 1:1000 dilution

Lane1:A549 whole cell lysate(40ug)

Lane2:HCT116 whole cell lysate(30ug)

Lane3:SGC7901 whole cell lysate(40ug)

**Note:**

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