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## 35-1223: Polyclonal Antibody to c-Kit (Phospho-Tyr721)

Clonality: Polyclonal
Application: WB
Reactivity: Human
Gene: KIT
Gene ID: 3815

Uniprot ID: P10721
Format: Purified

Alternative Name: KIT, CD117, SCFR, PBT

**Isotype:** Rabbit IgG

Immunogen Information: Peptide sequence around phosphorylation site of tyrosine 721 (N-E-Y(p)-M-D) derived from

Human c-Kit.

## **Description**

This is the receptor for stem cell factor (mast cell growth factor). It has a tyrosine-protein kinase activity. Binding of the ligands leads to the autophosphorylation of KIT and its association with substrates such as phosphatidylinositol 3-kinase (Pi3K)

## **Product Info**

**Amount :** 50 μl / 100 μl

Content: Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM

NaCl, 0.02% sodium azide and 50% glycerol.

**Storage condition :** Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

## **Application Note**

Predicted MW: 145kd, Western blotting: 1:500~1:1000

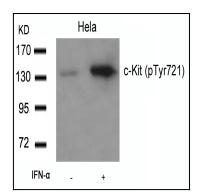


Figure 1: Western blot analysis of extracts from Hela cells untreated or treated with IFN-a using c-Kit(Phospho-Tyr721) Antibody 35-1223.