

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

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	KIT
<b>Gene ID :</b>	3815
<b>Uniprot ID :</b>	P10721
<b>Format :</b>	Purified
<b>Alternative Name :</b>	KIT , CD117, SCFR, PBT
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	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

<b>Amount :</b>	50 µl / 100 µl
<b>Content :</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage condition :</b>	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

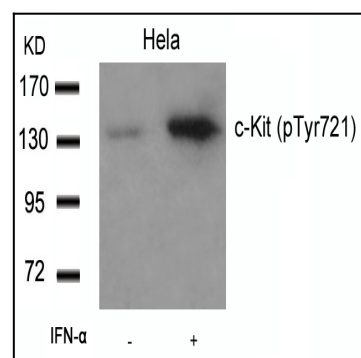


Figure 1: Western blot analysis of extracts from HeLa cells untreated or treated with IFN-α using c-Kit(Phospho-Tyr721) Antibody 35-1223 .