

## 35-1322: Polyclonal Antibody to c-kit (phospho-Tyr936)

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	IHC,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 936 (H-I-Y(p)-S-N) 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 $\mu$ l / 100 $\mu$ l
<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: 120 145kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100

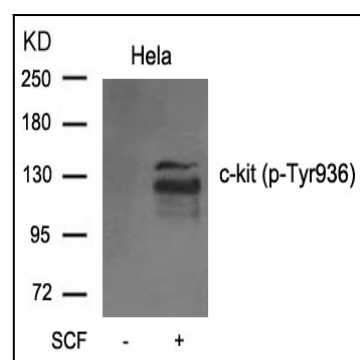


Figure 1: Western blot analysis of extracts from C6 cell untreated or treated with serum using c-kit(phospho-Tyr936) Antibody 35-1322 .

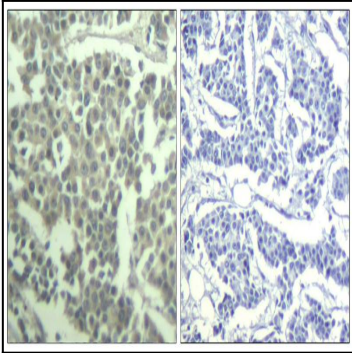


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using c-kit(Phospho-Tyr936) Antibody 35-1322 (left) or the same antibody preincubated with blocking peptide(right).