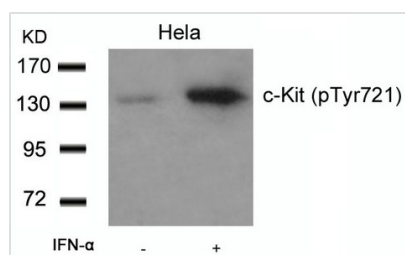


Phospho-KIT (Tyr721) Antibody

Product Code	CSB-PA449794
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P10721
Immunogen	Peptide sequence around phosphorylation site of tyrosine 721 (N-E-Y(p)-M-D) derived from Human c-Kit.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of c-Kit only when phosphorylated at tyrosine 721.
Tested Applications	ELISA,WB;WB:1:500-1:1000
Relevance	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) Nocka, K. et al. (1990) EMBO J. 9, 1805-1813. Hirota, S. et al. (1998) Science 279, 577-580. Blume-Jensen, P. et al. (2000) Nat. Genet. 24, 157-162. Sattler, M. et al. (1997) J. Biol. Chem. 272, 10248-10253. Gommerman, J.L. et al. (1997) J. Biol. Chem. 272, 30519-30525.
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography
Clonality	Polyclonal
Alias	KIT , CD117, SCFR, PBT
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	KIT

Image



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



Product Modify

Phospho-Tyr721