

c-Kit(Phospho-Tyr721) Antibody

Catalog No: #11240



Package Size: #11240-1 50ul #11240-2 100ul #11240-4 25ul

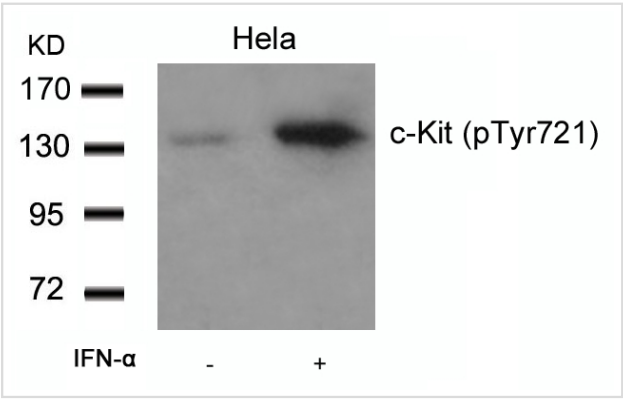
Overview

Product Name	c-Kit(Phospho-Tyr721) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	c-Kit
Modification	Phospho-Tyr721
Alternative Names	KIT , CD117, SCFR, PBT

Application Details

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

Images



Western blot analysis of extracts from HeLa cells untreated or treated with IFN-α using c-Kit(Phospho-Tyr721) Antibody #11240.

Descriptions

Immunogen	Peptide sequence around phosphorylation site of tyrosine 721 (N-E-Y(p)-M-D) derived from Human c-Kit.
Specificity	The antibody detects endogenous level of c-Kit only when phosphorylated at tyrosine 721.
Purification	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 chromatogramphy using non-phosphopeptide.
Formulation	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	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P10721NCBI Protein: NP_000213.1

Related Information

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.

Published Papers

Xiao-ning Gao, Ji Lin, Li Gao et al., MicroRNA-193b regulates c-Kit proto-oncogene and represses cell proliferation in acute myeloid leukemia., Leukemia Research, 35(9):1226-1232(2011)

[PMID:21724256](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.