c-Kit(Phospho-Tyr721) Antibody

Catalog No: #11240

Description

Other Names

Accession No.

Concentration

Formulation

Uniprot GeneID

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



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

Product Name	c-Kit(Phospho-Tyr721) Antibody
Host Species	Rabbit
Clonality	Polyclonal
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.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of c-Kit only when phosphorylated at tyrosine 721.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 721 (N-E-Y(p)-M-D) derived from Human c-Kit.
Target Name	c-Kit
Modification	Phospho

Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

sodium azide and 50% glycerol.

KIT, CD117, SCFR, PBT

P10721

3815;

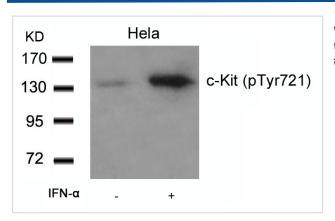
1.0mg/ml

Swiss-Prot: P10721NCBI Protein: NP_000213.1

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-a using c-Kit(Phospho-Tyr721) Antibody #11240.

Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02%

Background

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.

Note: This product is for in vitro research use only