

- Catalog Number:** 51240-1, 51240-2
- Amount:** 50µg/50µl, 100µg/100µl
- Form of Peptide:** Peptide in 10 mM phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.1 mM EDTA, 1 mg/ml BSA, 5% DMF and 5% glycerol.
- Peptide Information:** The synthesized phosphopeptide was derived from human c-kit around the phosphorylation site of 721 (N-E-Y^P-M-D)
- Storage:** Store at -20°C.
- Quality Control:** The quality of the peptide was evaluated by reversed-phase HPLC and mass spectrometry.
- Specificity:** The peptide specifically blocks the signal c-Kit(Phospho-Tyr721) (#11240) completely in Western blotting .
- Applications:** For Western blotting: add 10 µl of antibody and 10 µl of blocking peptide to 10 ml of antibody dilution buffer, and incubate at 4°C over night or at room temperature for 2 hours before allowing to react with the blot.
- References:** 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.

