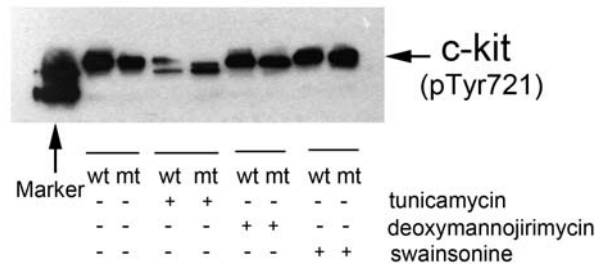


## Rabbit anti c-Kit (pTyr721)

- Catalog Number:** pAp11240  
**Amount:** 100µl (for 10 Western Blotting)  
**Swiss-Prot No. :** P10721  
**Form of Antibody:** Rabbit IgG 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.  
**Storage/Stability:** Store at -20°C/1 year  
**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human c-kit around the phosphorylation site of tyrosine 721 (N-E-Y<sup>P</sup>-M-D).  
**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.  
**Specificity/Sensitivity:** c-Kit(Phospho-Tyr721) antibody detects endogenous levels of c-kit only when phosphorylated at tyrosine 721.  
**Reactivity:** Human, Mouse, Rat  
**Applications:** WB: 1:1000  
**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.



Western blot analysis of extracts from 293T cells (transfected with wild or mutant type c-kit/pc DNA3.1) treated with SCF (100ng/ml, 15min), using c-Kit (Phospho-Tyr721) antibody (pAP11240).

**For Research Use Only**

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