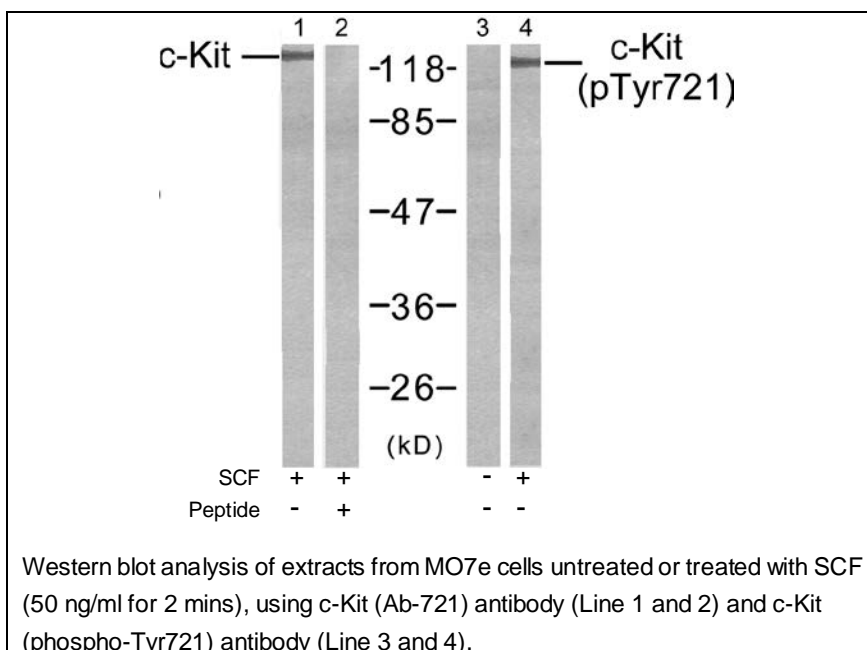




## c-Kit (Phospho-Tyr721) Antibody

E11-7138A

- Catalog Number:** E11-7138A
- Amount:** 100µg/100µl
- Swiss-Prot No.:** P10721
- All Names:** CD117, Mast/stem cell growth factor receptor precursor, SCFR, SL, c-kit, kinase Kit
- All Sites:** Human: Tyr721; Mouse: Tyr719; Rat: Tyr722
- Form of Antibody:** Rabbit IgG in phosphate buffered saline (without  $Mg^{2+}$  and  $Ca^{2+}$ ), 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: 1:500~1:1000 ELISA: 1:10000
- References:** G. Sakuntala Warshamana-Greene Mol, et al. (2004) Cancer Ther. 3: 527-536.  
Y Kubota, et al. (1998) Cell Growth Differ. 9: 247-256.  
Pramod Pandey, et al. (1995) Cancer Res. 55: 4000-4003.  
Nancy K. Pryer, Clin. et al. (2003) Cancer Res. 9: 5729-5734.



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