



KIT (Phospho-Tyr703) Antibody

E11-0502A

Catalog Number: E11-0502A

Concentration: 1mg/ml

Swiss-Prot No.: P10721

Other Names: CD117, EC 2.7.10.1, Mast/stem cell growth factor receptor precursor, SCFR, SL, c-kit, kinase Kit

All Sites: Human: Tyr703; Mouse: Tyr702

Storage/Stability: Store at -20°C/1 year

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.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human KIT around the phosphorylation site of tyrosine 703 (A-L-Y^P-K-N).

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: KIT (Phospho-Tyr703) antibody detects endogenous levels of KIT only when phosphorylated at tyrosine 703.

Reactivity: Human, Mouse

Applications: WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:1000

References:

Liu T., J. Proteome Res. 4:2070-2080(2005).

Syrris P., m. J. Med. Genet. 95:79-81(2000)..

Bignell G., Genes Chromosomes Cancer 45:42-46(2006).

