



## JAK1 (Phospho-Tyr1022) Antibody

**E11-7125A****Catalog Number:** E11-7125A**Concentration:** 1mg/ml**Swiss-Prot No.:** P23458**Other Names:** EC 2.7.10.2; JAK-1; JAK1; JAK1A; Janus kinase 1; kinase Jak1**All Sites:** Human: Tyr1022; Mouse: Tyr1033**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 JAK1 around the phosphorylation site of tyrosine 1022 (K-E-Y<sup>P</sup>-Y-T).**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using

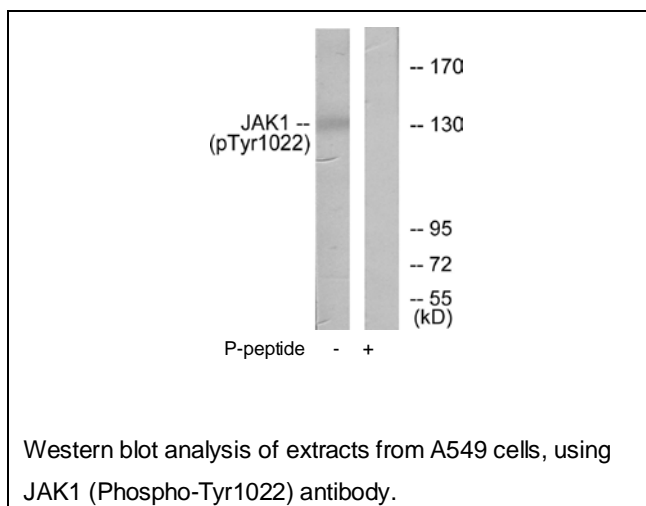
epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

**Specificity:** JAK1 (Phospho-Tyr1022) antibody detects endogenous levels of JAK1 only when phosphorylated at tyrosine 1022.**Reactivity:** Human, Mouse**Applications:** WB: 1:500~1:1000 IHC: 1:50~1:100  
ELISA: 1:10000**References:**

Wilks A.F., Mol. Cell. Biol. 11:2057-2065(1991).

Lee S.-T., Oncogene 8:3403-3410(1993).

Lindholm C.K.; Biochem. Biophys. Res. Commun. 296:929-936(2002).

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