



JAK2 (Phospho-Tyr570) Antibody

E11-0499A

Catalog Number: E11-0499A

Concentration: 1mg/ml

Swiss-Prot No.: O60674

Other Names: EC 2.7.10.2, JAK-2, JAK2, Janus kinase 2, kinase Jak2

All Sites: Human: Tyr750; Mouse: Tyr750; Rat: Tyr750

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 JAK2 around the phosphorylation site of tyrosine 750 (G-D-Y^P-G-Q).

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: JAK2 (Phospho-Tyr570) antibody detects endogenous levels of JAK2 only when phosphorylated at tyrosine 750.

Reactivity: Human, Mouse, Rat

Applications: WB: 1:500~1:1000 ELISA: 1:1000

References:

[Saltzman A., Biochem. Biophys. Res. Commun. 246:627-633\(1998\).](#)

[Dalal I., Blood 91:844-851\(1998\).](#)

[Peeters P., Blood 90:2535-2540\(1997\).](#)

