

## JAK2 Rabbit monoclonal antibody

Catalog: MB66361

Host: Rabbit

Reactivity: Human, Mouse

**BackGround:**

Members of the Janus family of tyrosine kinases (Jak1, Jak2, Jak3, and Tyk2) are activated by ligands binding to a number of associated cytokine receptors. Upon cytokine receptor activation, Jak proteins become autophosphorylated and phosphorylate their associated receptors to provide multiple binding sites for signaling proteins. These associated signaling proteins, such as Stats, Shc, insulin receptor substrates, and focal adhesion kinase (FAK), typically contain SH2 or other phospho-tyrosine-binding domains.

**Product:**

Liquid in 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA.

**Molecular Weight:**

~ 125 kDa

**Swiss-Prot:**

O60674

**Purification&Purity:**

The antibody was purified by immunogen affinity chromatography.

**Applications:**

WB (1/500 - 1/1000)

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Specificity:**

Recognizes endogenous levels of JAK2 protein.

**DATA:**

Western blot analysis of JAK2 expression in K562 (A), NIH3T3 (B) whole cell lysates.

**Note:**

For research use only, not for use in diagnostic procedure.

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