

## JAK2 monoclonal antibody

Catalog: MB11128

Host: Rabbit

Reactivity: Human, Mouse

### BackGround:

Phosphorylated STATs then form homodimer or heterodimers and translocate to the nucleus to activate gene transcription. For example, cell stimulation with erythropoietin (EPO) during erythropoiesis leads to JAK2 auto-phosphorylation, activation, and its association with erythropoietin receptor (EPOR) that becomes phosphorylated in its cytoplasmic domain. Then, STAT5 (STAT5A or STAT5B) is recruited, phosphorylated and activated by JAK2.

### Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

### Molecular Weight:

Calculated MW: 131 kDa; Observed MW: 131 kDa

### Swiss-Prot:

O60674

### Purification&Purity:

Affinity Purified

### 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.

### Isotype:

IgG

### DATA:



Western blot analysis of JAK2 in K562, 3T3 lysates using JAK2 antibody.

### Note:

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

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