

## Phospho-JAK2 (Tyr1007) polyclonal antibody

Catalog: BZ16410

Host: Rabbit

Reactivity: Human, Mouse, Rat

### 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:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

### Molecular Weight:

Calculated MW: 131 kDa; Observed MW: 131 kDa

### Swiss-Prot:

O60674

### Purification&Purity:

Affinity Purified

### Applications:

WB: 1/500-1/1000 IHC: 1/50-1/100 ELISA: 1/10000

### 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 Phospho-JAK2 in NIH3T3 lysates using Phospho-JAK2 antibody.

### Note:

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

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