

## JAK2 Rabbit mAb

Catalog No: #58700

Package Size: #58700-1 50ul #58700-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

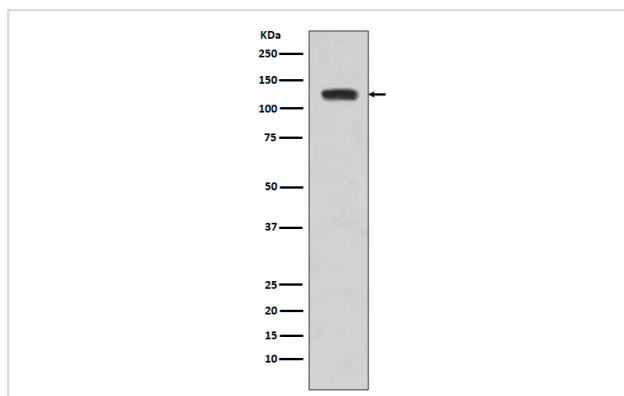
## Description

Product Name	JAK2 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB ICC/IF IP
Species Reactivity	Human Mouse Rat
Specificity	JAK2 Antibody detects endogenous levels of total JAK2
Immunogen Description	A synthesized peptide derived from human JAK2
Other Names	EC 2.7.10.2; JAK-2; JAK2; Janus kinase 2; kinase Jak2; JTK10; THCYT3;
Accession No.	Uniprot:O60674
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Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

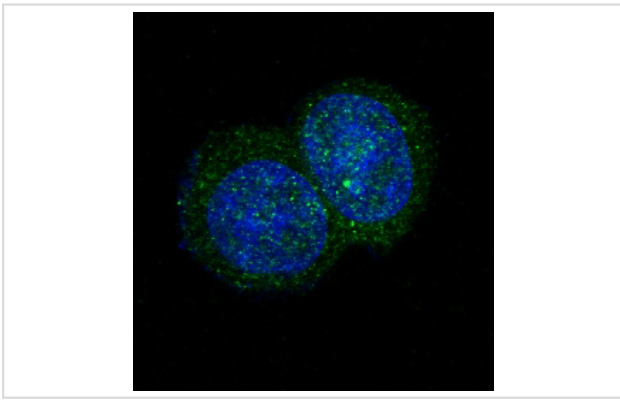
## Application Details

WB 1:500~1:2000 ICC/IF 1:50~1:200 IP 1:50-100

## Images



Western blot analysis of JAK2 expression in Jurkat cell lysate.



Immunofluorescent analysis of Jurkat cells, using JAK2 Antibody .

## Product Description

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 autophosphorylation, 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.

## Background

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Note: This product is for in vitro research use only