

JAK2 recombinant antibody

JAK2 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA315120	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Western Blot

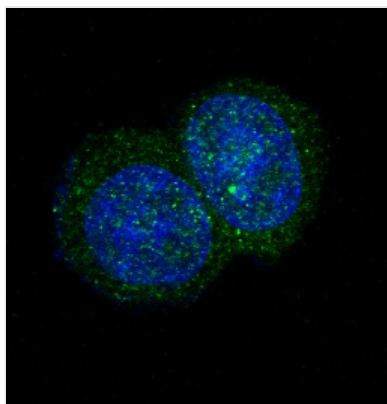
PRODUCT SYNONYMS

JAK2; Monoclonal Recombinant Antibody; JAK2 Rabbit mAb; EC 2.7.10.2; JAK-2; Janus kinase 2; kinase Jak2; JTK10; THCYT3; JAK2 recombinant antibody

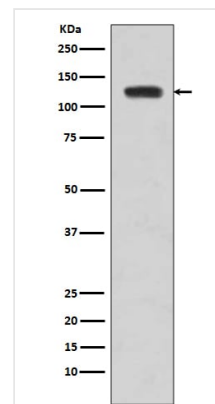
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Specificity	JAK2 Antibody detects endogenous levels of total JAK2
Purity/Purification	Affinity-chromatography
Form/Format	Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for JAK2 recombinant antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human JAK2
Preparation and Storage	Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle.

IMAGES


IF (Immunofluorescence)

Immunofluorescent analysis of Jurkat cells, using JAK2 Antibody .


WB (Western Blot)

Western blot analysis of JAK2 expression in Jurkat cell lysate.

ADDITIONAL INFORMATION

Related Product Information for JAK2 recombinant antibody

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.

Product Categories/Family for JAK2 recombinant antibody	Recombinant Rabbit Monoclonal
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4826776
NCBI GeneID	3717
NCBI Accession #	NP_004963.1
NCBI GenBank Nucleotide #	NM_004972.3
UniProt Accession #	O60674; O14636; O75297
Molecular Weight	130,674 Da
NCBI Official Full Name	tyrosine-protein kinase JAK2
NCBI Official Synonym Full Names	Janus kinase 2
NCBI Official Symbol	JAK2
NCBI Official Synonym Symbols	JTK10; THCYT3
NCBI Protein Information	tyrosine-protein kinase JAK2; JAK-2; Janus kinase 2 (a protein tyrosine kinase)
UniProt Protein Name	Tyrosine-protein kinase JAK2
UniProt Gene Name	JAK2
UniProt Synonym Gene Names	JAK-2
UniProt Entry Name	JAK2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://www.aaabiotech.com/monoclonal/jak2-recombinant-antibody-immunoprecipitation-immunofluorescence-immunocytochemistry-western-blot-elisa/315120>