

Rabbit anti-Human, mouse JAK2 Polyclonal Antibody | anti-JAK2 antibody

JAK2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288204	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, Immunofluorescence, ELISA, Western Blot

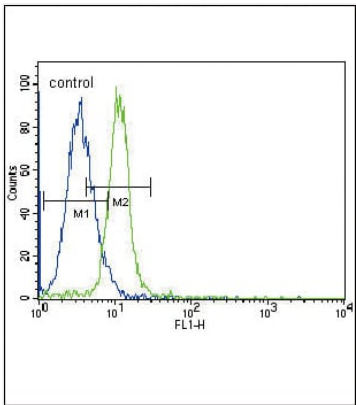
PRODUCT SYNONYMS

JAK2; Polyclonal Antibody; JAK2 Antibody (C-term); Tyrosine-protein kinase JAK2; Janus kinase 2; JAK-2; anti-JAK2 antibody

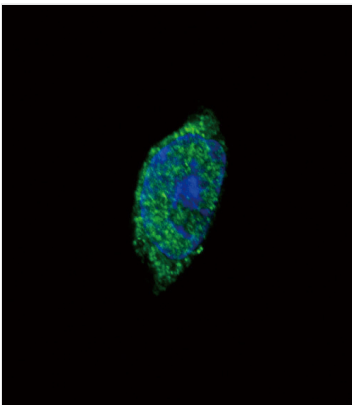
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This JAK2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1101-1132 amino acids from the C-terminal region of human JAK2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	1101-1132
Sequence Length	1132
Applicable Applications for anti-JAK2 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

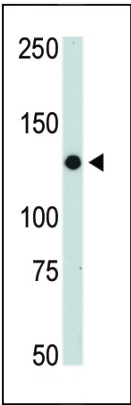
IMAGES



FCM/FACS (Flow Cytometry)
JAK2 Antibody (C-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IF (Immunofluorescence)
Confocal immunofluorescent analysis of JAK2 Antibody (C-term) with Hela cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



WB (Western Blot)
The anti-JAK2 Pab is used in Western blot to detect JAK2 in mouse thymus tissue lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-JAK2 antibody	This gene product is a protein tyrosine kinase involved in a specific subset of cytokine receptor signaling pathways. It has been found to be constitutively associated with the prolactin receptor and is required for responses to gamma interferon. Mice that do not express an active protein for this gene exhibit embryonic lethality associated with the absence of definitive erythropoiesis.
Product Categories/Family for anti-JAK2 antibody	Cancer; Cell Biology; Signal transduction
References	Joos, S., et al., Int. J. Cancer 103(4):489-495 (2003). Leung, K.C., et al., Proc. Natl. Acad. Sci. U.S.A. 100(3):1016-1021 (2003). Saharinen, P., et al., J. Biol. Chem. 277(49):47954-47963 (2002). Giordanetto, F., et al., Protein Eng. 15(9):727-737 (2002). Deo, D.D., et al., J. Biol. Chem. 277(24):21237-21245 (2002).

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	130674
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
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/polyclonal/jak2-antibody-flow-cytometry-immunofluorescence-western-blot-elisa/288204>