

Mouse anti-Human, Mouse JAK3 Antibody | anti-JAK3 antibody

JAK3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108531	Mouse	Human, Mouse	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Western Blot

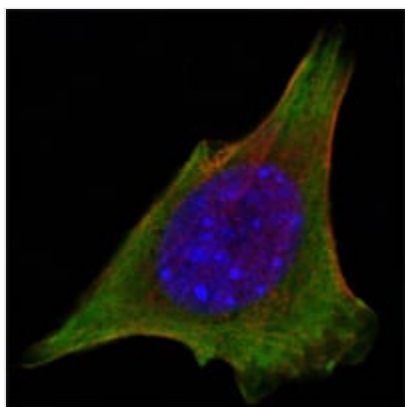
PRODUCT SYNONYMS

JAK3; JAK3 Antibody; JAKL; LJAK; anti-JAK3 antibody

PRODUCT SPECIFICATIONS

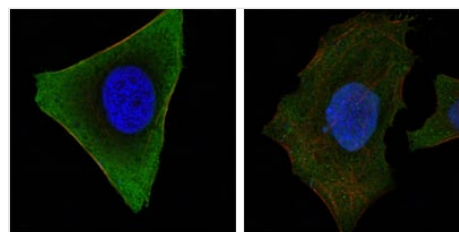
Host	Mouse
Reactivity	Human, Mouse
Isotype	IgG1
Clone Number	5H2
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	1124
Applicable Applications for anti-JAK3 antibody	ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant fragment of human JAK3 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



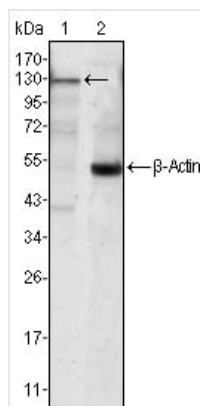
IF (Immunofluorescence)

Figure 3. Confocal immunofluorescence analysis of 3T3-L1 cells using JAK3 mouse mAb (green). Red. Actin filaments have been labeled with DY-554 phalloidin. Blue. DRAQ5 fluorescent DNA dye.



IF (Immunofluorescence)

Figure 2. Confocal immunofluorescence analysis of HeLa (left) and HepG2 (right) cells using JAK3 mouse mAb (green). Red. Actin filaments have been labeled with DY-554 phalloidin. Blue. DRAQ5 fluorescent DNA dye.



WB (Western Blot)

Figure 1. Western blot analysis using JAK3 mouse mAb against Jurkat cell lysate (1).

ADDITIONAL INFORMATION

Related Product Information for anti-JAK3 antibody	JAK3, Janus kinase 3. It is a member of the Janus kinase (JAK) family of tyrosine kinases involved in cytokine receptor-mediated intracellular signal transduction. It is predominantly expressed in immune cells and transduces a signal in response to its activation via tyrosine phosphorylation by interleukin receptors. Mutations in this gene are associated with autosomal SCID (severe combined immunodeficiency disease).
Product Categories/Family for anti-JAK3 antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	47157315
NCBI GeneID	3718
NCBI Accession #	NP_000206.2
NCBI GenBank Nucleotide #	NM_000215.3
UniProt Accession #	P52333 ; Q13259 ; Q13260 ; Q13611 ; Q8N1E8 ; Q99699 ; Q9Y6S2
Molecular Weight	125kDa
NCBI Official Full Name	tyrosine-protein kinase JAK3
NCBI Official Synonym Full Names	Janus kinase 3
NCBI Official Symbol	JAK3
NCBI Official Synonym Symbols	JAKL; LJAK; JAK-3; L-JAK; JAK3_HUMAN
NCBI Protein Information	tyrosine-protein kinase JAK3
UniProt Protein Name	Tyrosine-protein kinase JAK3
UniProt Gene Name	JAK3
UniProt Synonym Gene Names	JAK-3; L-JAK

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://stage.aaabiotech.com/mouse-human-mouse-antibody/jak3/108531>