

Mouse anti-Human, Rat JAK1 Monoclonal Antibody | anti-JAK1 antibody

Anti-JAK1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265833	Mouse	Human, Rat	Immunoprecipitation, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

JAK1; Monoclonal Antibody; Anti-JAK1 Antibody; anti-JAK1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of JAK1 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH7.3.
Applicable Applications for anti-JAK1 antibody	IP (Immunoprecipitation), IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant human Jak1 protein fragments expressed in E coli.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of JAK1 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of JAK1 expression in C6 (A), Ramos (B), Jurkat (C), HeLa (D) whole cell lysates. (Predicted band size: 133 kD; Observed band size: 130 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-JAK1 antibody	Mouse monoclonal antibody to JAK1
Product Categories/Family for anti-JAK1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	102469034
NCBI GeneID	3716

NCBI Accession #	NP_002218.2
NCBI GenBank Nucleotide #	NM_002227.2
UniProt Accession #	P23458; Q59GQ2; Q9UD26
Molecular Weight	133,277 Da
NCBI Official Full Name	tyrosine-protein kinase JAK1
NCBI Official Synonym Full Names	Janus kinase 1
NCBI Official Symbol	JAK1
NCBI Official Synonym Symbols	JTK3; JAK1A; JAK1B
NCBI Protein Information	tyrosine-protein kinase JAK1
UniProt Protein Name	Tyrosine-protein kinase JAK1
UniProt Gene Name	JAK1
UniProt Synonym Gene Names	JAK1A; JAK1B; JAK-1
UniProt Entry Name	JAK1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/jak1-antibody-immunoprecipitation-immunochemistry-immunofluorescence-western-blot-elisa/265833>