

Mouse anti-Human, Rat Anti-Jak1 Monoclonal Antibody | anti-JAK1 antibody

Anti-Jak1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290863	Mouse	Human, Rat	Immunoprecipitation, Immunofluorescence, Western Blot

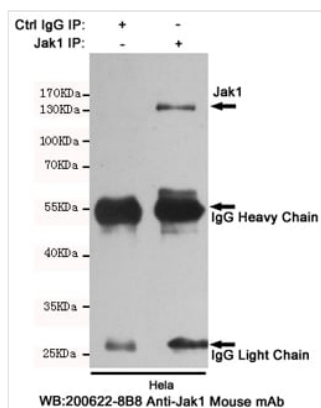
PRODUCT SYNONYMS

Anti-Jak1; Monoclonal Antibody; Anti-Jak1 Antibody; JAK 1; JAK 1A; JAK 1B; JAK-1; JAK1; JAK1_HUMAN; JAK1A; JAK1B; Janus kinase 1 (a protein tyrosine kinase); Janus kinase 1; JTK3; Tyrosine protein kinase JAK 1; Tyrosine protein kinase JAK1; Tyrosine-protein kinase JAK1.; anti-JAK1 antibody

PRODUCT SPECIFICATIONS

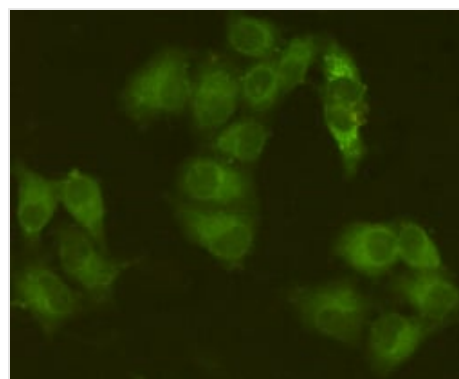
Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG2a
Form/Format	PBS (pH 7.4) containing with 0.03% Proclin300 and 50% glycerol.
Sequence Length	1154
Applicable Applications for anti-JAK1 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), WB (Western Blot)
Cellular Location	Endomembrane system; Peripheral membrane protein. Note=Wholly intracellular, possibly membrane associated
Tissue Location	Expressed at higher levels in primary colon tumors than in normal colon tissue. The expression level in metastatic colon tumors is comparable to the expression level in normal colon tissue.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt

IMAGES



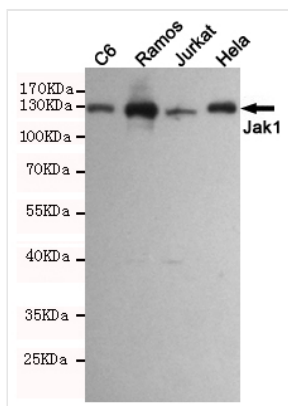
IP (Immunoprecipitation)

Immunoprecipitation analysis of HeLa cell lysates using Jak1 mouse mAb.



ICC (Immunocytochemistry)

Immunocytochemistry staining of HeLa cells fixed with 4% Paraformaldehyde and using anti-Jak1 mouse mAb (dilution 1:200).



WB (Western Blot)

Western blot analysis of extracts from C6, Ramos, Jurkat and HeLa cell lysates using Jak1 mouse mAb (1:1000 diluted). Predicted band size: 130 kDa. Observed band size: 130 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-JAK1 antibody

Tyrosine kinase of the non-receptor type, involved in the IFN-alpha/beta/gamma signal pathway (PubMed:7615558). Kinase partner for the interleukin (IL)-2 receptor (PubMed:11909529).

NCBI AND UNIPROT INFORMATION

NCBI GI #	1004007314
NCBI GeneID	3716
NCBI Accession #	NP_001307852.1
NCBI GenBank Nucleotide #	NM_002227
UniProt Accession #	P23458; Q59GQ2; Q9UD26
Molecular Weight	130 kDa
NCBI Official Full Name	tyrosine-protein kinase JAK1 isoform 1
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

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/monoclonal/anti-jak1-antibody-immunoprecipitation-immunofluorescence-western-blot-elisa/290863>