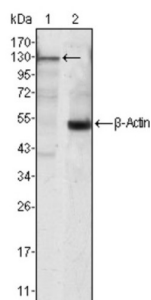
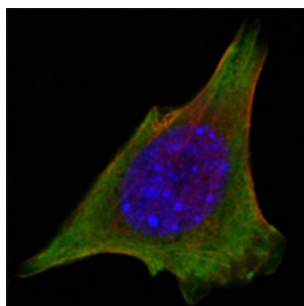


## Tyrosine-Protein Kinase JAK3 (JAK3) Antibody

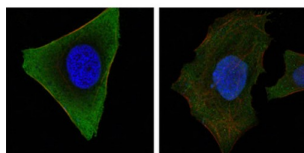
Catalogue No.: abx011029



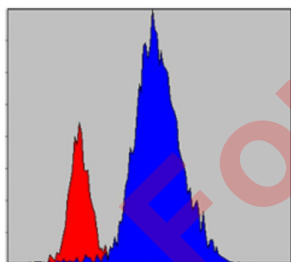
Western blot analysis using JAK3 antibody against Jurkat cell lysate (1).



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



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



Flow cytometric analysis of HeLa cells using JAK3 antibody (blue) and negative control (red).

Tyrosine-Protein Kinase JAK3 (JAK3) Antibody is a mouse monoclonal against Tyrosine-Protein Kinase JAK3 (JAK3). 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).

**Target:**

Tyrosine-Protein Kinase JAK3 (JAK3)

# Datasheet

Version: 3.0.0  
Revision date: 29 Sep 2025



Clonality:	Monoclonal
Reactivity:	Human, Mouse
Tested Applications:	ELISA, WB, IF/ICC, FCM
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, IF/ICC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human JAK3 expressed in E. coli.
Isotype:	IgG <sub>1</sub>
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P52333 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
GeneID:	<a href="#">3718</a>
KEGG:	hsa:3718
String:	<a href="#">9606.ENSP00000391676</a>
Enzyme Commission Number:	EC 2.7.10.2
Molecular Weight:	125 kDa
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.