

## Anti-JAK3 antibody [5H2] (STJ98188)

STJ98188

### GENERAL INFORMATION

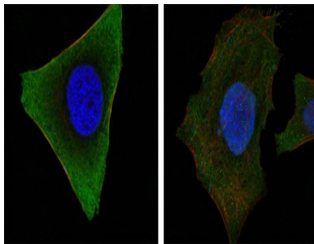
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-Tyrosine-Protein Kinase Jak3 is suitable for use in Western Blot, Immunofluorescence, Immunocytochemistry, Flow Cytometry and ELISA research applications.
<b>Applications</b>	WB, IF, ICC, FC, ELISA
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Human, Mouse

### PRODUCT PROPERTIES

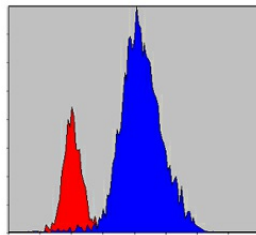
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	5H2
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
<b>Dilution Range</b>	WB 1:500-1:2000 IF 1:200-1:1000 FC 1:200-1:400 ELISA 1:10000
<b>Formulation</b>	Ascitic fluid, 0.03% Sodium Azide, 0.5% BSA, 50% Glycerol.
<b>Isotype</b>	IgG1
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

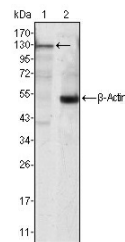
<b>Gene ID</b>	3718
<b>Gene Symbol</b>	JAK3
<b>Uniprot ID</b>	JAK3_HUMAN
<b>Immunogen</b>	Purified recombinant fragment of human JAK3 expressed in E.coli.
<b>Immunogen Region</b>	
<b>Specificity</b>	JAK3 monoclonal antibody (Tyrosine-Protein Kinase Jak3) binds to endogenous Tyrosine-Protein Kinase Jak3.
<b>Immunogen Sequence</b>	



Confocal immunofluorescence analysis of HeLa (left) and HepG2 (right) cells using JAK3 monoclonal 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 monoclonal antibody (blue) and negative control (red).



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

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081