
Product Name: JAK1 Mouse Monoclonal Antibody**Catalog #: AMM85053**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ICC,IP
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,ICC 1:50-1:200,IP 1:10-1:20
Molecular Weight	Calculated MW: 133 kDa; Observed MW: 130 kDa

Antigen Information

Gene Name	JAK1
Alternative Names	JAK1; JAK1A; JAK1B; Tyrosine-protein kinase JAK1; Janus kinase 1; JAK-1
Gene ID	3716.0
SwissProt ID	P23458
Immunogen	Purified recombinant human Jak1 protein fragments expressed in E.coli.

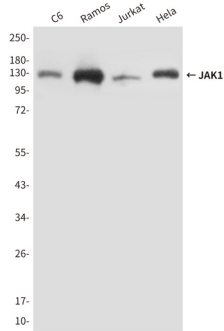
Background

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

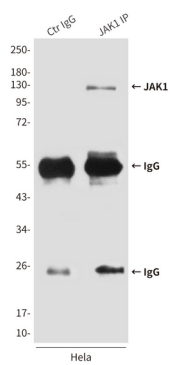
Research Area

PI3K-Akt signaling pathway, Jak-STAT signaling pathway

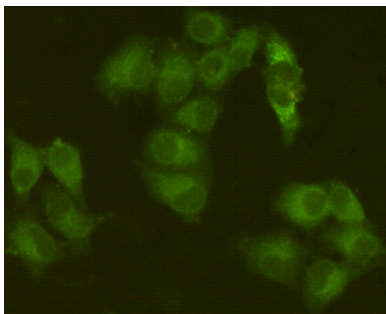
Image Data



Western blot analysis of JAK1 in C6, Ramos, Jurkat and HeLa lysates using Jak1 antibody.



Immunoprecipitation analysis of JAK1 in HeLa lysates using Jak1 antibody.



Immunocytochemistry analysis of JAK1 in HeLa using Jak1 antibody.