
Product Name: JAK2 Mouse Monoclonal Antibody**Catalog #: AMM80843**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
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.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight	130.6kDa

Antigen Information

Gene Name	JAK2
Alternative Names	JTK10; JAK2
Gene ID	3717.0
SwissProt ID	O60674
Immunogen	Purified recombinant fragment of JAK2(745-955aa) expressed in E. Coli.

Background

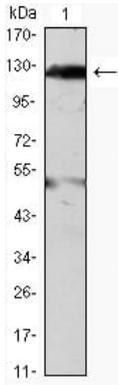
This gene product is a protein tyrosine kinase involved in a specific subset of cytokine receptor signaling pathways. It has been found to be constitutively associated with the prolactin receptor and is required for responses to gamma interferon. Mice that do not express an active protein for this gene exhibit embryonic lethality associated with the absence of definitive

erythropoiesis.

Research Area

PI3K-Akt signaling pathway, Jak-STAT signaling pathway

Image Data



Western blot analysis using JAK2 mouse mAb against THP-1(1) cell lysate.