

Summary

Production Name	JAK1 (9I2) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	JAK1
Alternative Names	JAK 1; JAK 1A; JAK 1B; JAK1; JAK1A; JAK1B; JTK3;
Gene ID	3716.0
SwissProt ID	P23458.

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	133kDa

Background

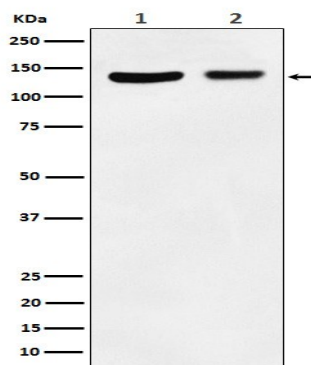
Product Name: JAK1 (9I2) Rabbit Monoclonal Antibody
Catalog #: AMRe12815



Tyrosine kinase of the non-receptor type, involved in the IFN-alpha/beta/gamma signal pathway. Kinase partner for the interleukin (IL)-2 receptor. Tyrosine kinase of the non-receptor type, involved in the IFN-alpha/beta/gamma signal pathway (PubMed: [7615558](http://www.uniprot.org/citations/7615558), PubMed: [28111307](http://www.uniprot.org/citations/28111307), PubMed: [32750333](http://www.uniprot.org/citations/32750333), PubMed: [16239216](http://www.uniprot.org/citations/16239216)). Kinase partner for the interleukin (IL)-2 receptor (PubMed: [11909529](http://www.uniprot.org/citations/11909529)) as well as interleukin (IL)-10 receptor (PubMed: [12133952](http://www.uniprot.org/citations/12133952)). Directly phosphorylates STAT but also activates STAT signaling through the transactivation of other JAK kinases associated with signaling receptors (PubMed: [16239216](http://www.uniprot.org/citations/16239216), PubMed: [32750333](http://www.uniprot.org/citations/32750333)).

Research Area

Image Data



Western blot analysis of JAK1 expression in (1) A431 cell lysate; (2) RAW264.7 cell lysate.

Note

For research use only.