

Product Name: Phospho-JAK1 (Y1034 + Y1035) (14S9)
Rabbit Monoclonal Antibody
Catalog #: AMRe05929



Summary

Production Name	Phospho-JAK1 (Y1034 + Y1035) (14S9) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Phospho Antibody
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; historically have been referenced as Tyr1022 and Tyr1023 (Y1022 + Y1023);
Gene ID	3716.0
SwissProt ID	P23458.

Application

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

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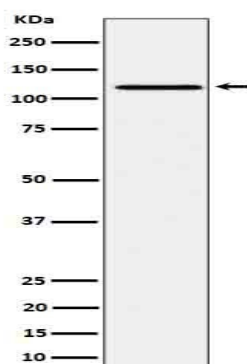


Background

Tyrosine kinase of the non-receptor type, involved in the IFN-alpha/beta/gamma signal pathway. Kinase partner for the interleukin (IL)-2 receptor. 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 Phospho-JAK1 (Y1034 + Y1035) expression in Ramos treated with pervanadate cell lysate.

Note

For research use only.