



Janus kinase 2 (phospho Tyr972) Antibody

CATALOG NUMBER: 39-867

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, IHC, WB
APPLICATIONS:	ELISA, Western (immuno) blotting, Immunostaining (in testing)
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
IMMUNOGEN:	A synthetic peptide corresponding to the pY972 region.
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Affinity Purified
CLONALITY:	Polyclonal
ISOTYPE:	IgG
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	Janus kinase 2-pY972-phospho specific, Janus kinase 2,
ACCESSION NO.:	BAG63863
PROTEIN GI NO.:	12643404
OFFICIAL SYMBOL:	JAK2
GENE ID:	12643404

Background

BACKGROUND:	Janus Kinase 2 (JAK2) is essential for signaling thorough a variety of cytokine receptors. Phosphorylation of JAK is essential for downstream signaling. JAK kinases are known to phosphorylate several substrate including members of the STAT family of proteins
REFERENCES:	1) Issam McDoom, Xianye Ma, Annet Kirabo, Kuang-Yung Lee, David A. Ostrov and Peter P. Sayeski., Identification of Tyrosine 972 as a Novel Site of Jak2 Tyrosine Kinase Phosphorylation and Its Role in Jak2 Activation., Biochemistry, 2008, 47 (32), pp 8326-8334 2) Parganas E, Wang D, Stravopodis D, Topham DJ, Marine JC, Teglund S, Vanin EF, Bodner S, Colamonici OR, van Deursen JM, Grosveld G, Ihle JN., Jak2 is essential for signaling through a variety of cytokine receptors., Cell. 1998 May 1;93(3):385-95

FOR RESEARCH USE ONLY

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