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Product datasheet for TA812815

JAK3 Mouse Monoclonal Antibody [Clone ID: OTI1B4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1B4
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 811-1124 of human JAK3 (NP_000206) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	124.9 kDa
Gene Name:	Janus kinase 3
Database Link:	NP_000206 Entrez Gene 3718 Human P52333
Background:	The protein encoded by this gene is a member of the Janus kinase (JAK) family of tyrosine kinases involved in cytokine receptor-mediated intracellular signal transduction. It is predominantly expressed in immune cells and transduces a signal in response to its activation via tyrosine phosphorylation by interleukin receptors. Mutations in this gene are associated with autosomal SCID (severe combined immunodeficiency disease). [provided by RefSeq, Jul 2008]

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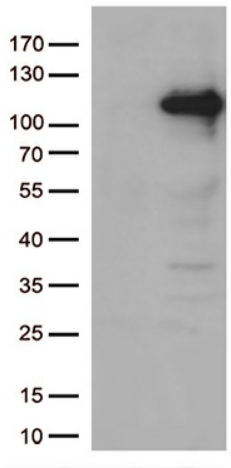
Synonyms: JAK-3; JAK3_HUMAN; JAKL; L-JAK; LJAK

Protein Families: Druggable Genome, Protein Kinase

Protein Pathways: Chemokine signaling pathway, Jak-STAT signaling pathway, Primary immunodeficiency

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY JAK3 ([RC217928], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-JAK3. Positive lysates [LY424859] (100ug) and [LC424859] (20ug) can be purchased separately from OriGene.

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