

For Research Use Only

JAK1 Recombinant monoclonal antibody

Catalog Number: 88294-1-RR



Basic Information

Catalog Number: 88294-1-RR	GenBank Accession Number: BC132729	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3716	CloneNo.: 260802D1
Source: Rabbit	UNIPROT ID: P23458	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: Janus kinase 1 (a protein tyrosine kinase)	
Immunogen Catalog Number: AG25579	Calculated MW: 1154 aa, 133 kDa	
	Observed MW: 125-133 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : Ramos cells, Jurkat cells, K-562 cells, Daudi cells, RAW 264.7 cells, NIH/3T3 cells

Background Information

Janus kinase 1(JAK1), is a member of a class of protein-tyrosine kinases (PTK) characterized by the presence of a second phosphotransferase-related domain immediately N-terminal to the PTK domain. JAK1 is essential for signaling for certain type I and type II cytokines. JAK1 plays a critical role in initiating responses to multiple major cytokine receptor families. Expression of JAK1 in cancer cells enables individual cells to contract, potentially allowing them to escape their tumor and metastasize to other parts of the body.

Storage

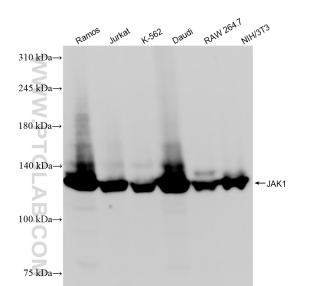
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88294-1-RR (JAK1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.