

For Research Use Only

JAK1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 88294-1-PBS



Basic Information

Catalog Number: 88294-1-PBS	GenBank Accession Number: BC132729	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3716	CloneNo.: 260802D1
Source: Rabbit	UNIPROT ID: P23458	
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, Indirect ELISA

Species Specificity:
human, mouse

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

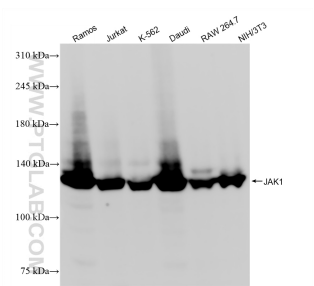
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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. This data was developed using the same antibody clone with 88294-1-PBS in a different storage buffer formulation.