

For Research Use Only

JAK3 Recombinant antibody

Catalog Number: 80331-1-RR **4 Publications**



Basic Information

Catalog Number: 80331-1-RR	GenBank Accession Number: BC028068	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 3718	CloneNo.: 3N1
Source: Rabbit	UNIPROT ID: P52333	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:50-1:500
Isotype: IgG	Full Name: Janus kinase 3 (a protein tyrosine kinase, leukocyte)	
	Calculated MW: 1124 aa, 125 kDa	
	Observed MW: 125 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: WB, IHC	WB : HEK-293 cells, HepG2 cells, K-562 cells, Jurkat cells
Species Specificity: Human	IHC : human lymphoma tissue,
Cited Species: human, mouse	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

JAK3 is a non-receptor tyrosine kinase, predominantly expressed in hematopoietic cells and that has been implicated in the signal transduction of the common gamma chain subfamily of cytokine receptors. As a result, JAK3 plays an essential role in hematopoiesis during T cell development. JAK3 belongs to the Janus kinase family of receptor-associated tyrosine kinases located in cytoplasm adjacent to the plasma membrane. (PMID: 19747563, PMID: 33767339)

Notable Publications

Author	Pubmed ID	Journal	Application
Szehoi Chan	38917875	Gene	IHC
Zhongyi Sun	38894720	Front Genet	IHC
Xiaoyu Cao	38530663	Clin Exp Rheumatol	IHC

Storage

Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

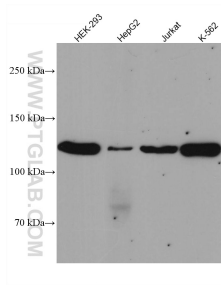
T: 4006900926

E: Proteintech-CN@ptglab.com

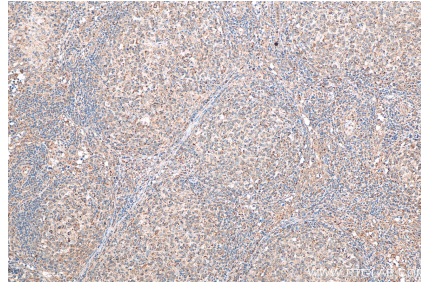
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 80331-1-RR (JAK3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 80331-1-RR (JAK3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).