

For Research Use Only

# JAK3 Recombinant antibody, PBS Only

Catalog Number: 80331-1-PBS

1 Publications



## Basic Information

Catalog Number:

80331-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC028068

GeneID (NCBI):

3718

UNIPROT ID:

P52333

Full Name:

Janus kinase 3 (a protein tyrosine kinase, leukocyte)

Calculated MW:

1124 aa, 125 kDa

Observed MW:

125 kDa

Purification Method:

Protein A purification

CloneNo.:

3N1

## Applications

Tested Applications:

WB, IHC, Indirect ELISA

Cited Applications:

IHC

Species Specificity:

Human

Cited Species:

mouse

## 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)

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

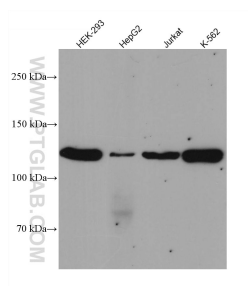
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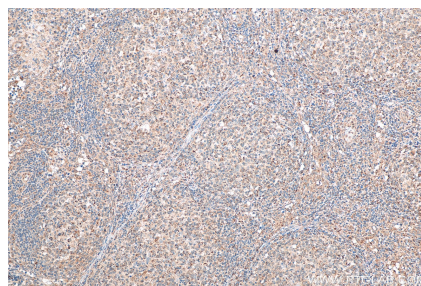
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## Selected Validation Data



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. This data was developed using the same antibody clone with 80331-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 80331-1-PBS in a different storage buffer formulation.