JAK3 Recombinant antibody, PBS Only

Catalog Number:80331-1-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
80331-1-PBS

Concentration:
1mg/ml

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

Species Specificity:
human

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 hematopoieisis 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℃.
The product is shipped with ice packs. Upon receipt, store it immediately at -80℃
Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
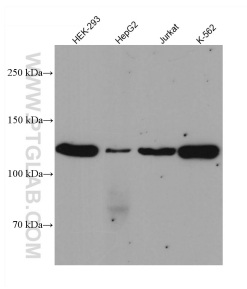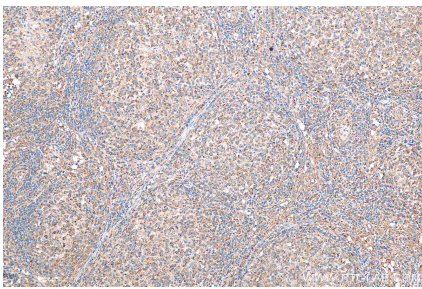T: 4006900926   E: Proteintech-CN@ptglab.com   W: ptgcn.com

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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. 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.