

For Research Use Only

JAK1 Monoclonal antibody, PBS Only

Catalog Number: 66466-1-PBS

Featured Product



Basic Information

Catalog Number:

66466-1-PBS

Concentration:

1 mg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG17940

GenBank Accession Number:

BC132729

GeneID (NCBI):

3716

UNIPROT ID:

P23458

Full Name:

Janus kinase 1 (a protein tyrosine kinase)

Calculated MW:

1154 aa, 133 kDa

Observed MW:

133 kDa

Purification Method:

Protein A purification

CloneNo.:

3H7A8

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, rat, 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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

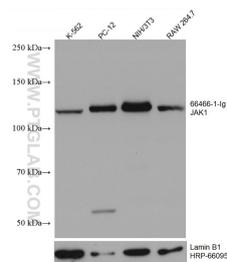
T: 4006900926

E: Proteintech-CN@ptglab.com

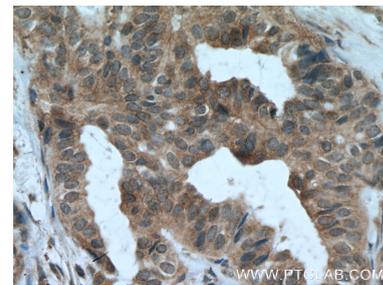
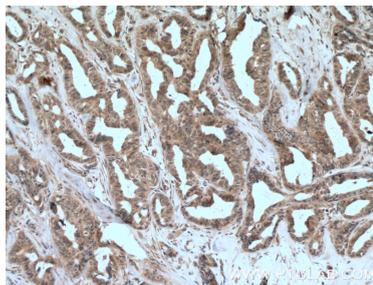
W: ptgcn.com

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 66466-1-Ig (JAK1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Lamin B1 Monoclonal antibody (HRP-66095) as loading control. This data was developed using the same antibody clone with 66466-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66466-1-Ig (JAK1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66466-1-PBS in a different storage buffer formulation.