

For Research Use Only

# JAKMIP1 Polyclonal antibody

Catalog Number: 13846-1-AP

Featured Product

2 Publications



## Basic Information

Catalog Number:  
13846-1-AP

Size:  
150ul, Concentration: 800 µg/ml by Nanodrop and 447 µg/ml by Bradford method using BSA as the standard;

Source:  
Rabbit

Isotype:  
IgG

Immunogen Catalog Number:  
AG4816

GenBank Accession Number:  
BC047075

GeneID (NCBI):  
152789

Full Name:  
janus kinase and microtubule interacting protein 1

Calculated MW:  
73 kDa

Observed MW:  
73 kDa

Purification Method:  
Antigen affinity purification

Recommended Dilutions:  
WB 1:500-1:1000  
IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB  
IHC 1:50-1:500

## Applications

Tested Applications:  
FC, IHC, IP, WB, ELISA

Cited Applications:  
IF, IHC, WB

Species Specificity:  
human, mouse

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**

Positive Controls:

WB: mouse spleen tissue, HEK-293 cells, Jurkat cells, mouse liver tissue, mouse testis tissue, Y79 cells

IP: Jurkat cells,

IHC: human gliomas tissue,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Jamee M Berg	26627310	Neuron	WB, IF
Okai Isaac I	23481296	Biomed Pharmacother	WB, IHC

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

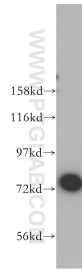
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

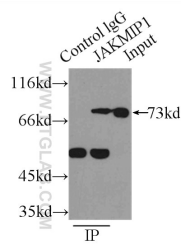
E: proteintech@ptglab.com  
W: ptglab.com

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

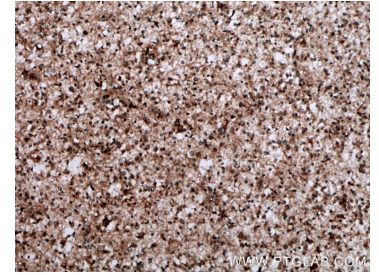
## Selected Validation Data



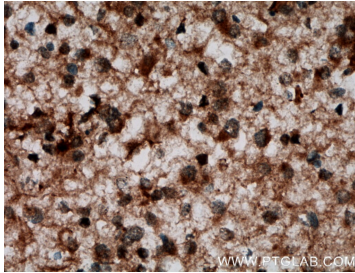
mouse spleen tissue were subjected to SDS PAGE followed by western blot with 13846-1-AP (JAKMIP1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



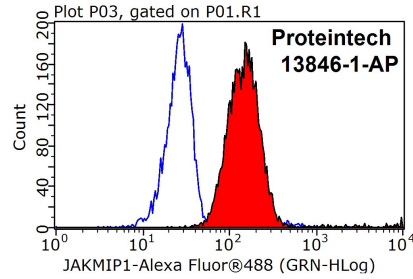
IP Result of anti-JAKMIP1 (IP:13846-1-AP, 3ug; Detection:13846-1-AP 1:1000) with Jurkat cells lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 13846-1-AP (JAKMIP1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 13846-1-AP (JAKMIP1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10<sup>6</sup> Jurkat cells were stained with 0.2ug JAKMIP1 antibody (13846-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.