

For Research Use Only

JAK1 Recombinant monoclonal antibody

Catalog Number: 88294-1-RR



Basic Information

Catalog Number:

88294-1-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25579

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:

125-133 kDa

Purification Method:

Protein A purification

CloneNo.:

260802D1

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : Ramos cells, Jurkat cells, K-562 cells, Daudi cells, RAW 264.7 cells, NIH/3T3 cells

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

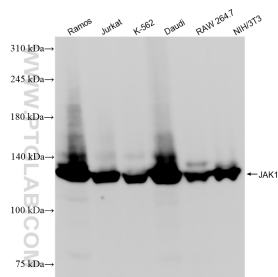
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88294-1-RR (JAK1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.