

For Research Use Only

NFATC3 Monoclonal antibody

Catalog Number: 66924-1-Ig



Basic Information

Catalog Number:

66924-1-Ig

Size:

1400 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG27306

GenBank Accession Number:

BC001050

GeneID (NCBI):

4775

UNIPROT ID:

Q12968

Full Name:

nuclear factor of activated T-cells,
cytoplasmic, calcineurin-dependent 3

Calculated MW:

116 kDa

Observed MW:

160 kDa

Purification Method:

Protein A purification

CloneNo.:

1C1H8

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : Jurkat cells, K-562 cells, Daudi cells

Background Information

NFAT (nuclear factors of activated T cells) proteins are a family of transcription factors originally identified as mediators of activation of cytokine genes in response to antigenic stimulation of T cells. NFAT proteins also play varied roles in cells outside of the immune system [PMID:11877454]. NFATc3 has specifically been implicated in vasculature development, regulation of smooth muscle contractile phenotype, and modulation of vascular smooth muscle contractility [PMID:11439183,17148444]. The calculated molecular weight of NFATC3 is 115 kDa, but the post-modified protein is about 130-170 kDa (PMID: 15728531, PMID: 15857835)

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

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

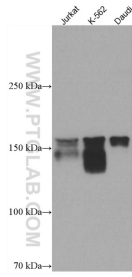
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66924-1-Ig (NFATC3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.