

For Research Use Only

CoraLite® Plus 488-conjugated NFATC3 Monoclonal antibody



Catalog Number: CL488-66924

Basic Information

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|---|---|---|
| Catalog Number: CL488-66924 | GenBank Accession Number: BC001050 | Purification Method: Protein G purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 4775 | CloneNo.: 1C1H8 |
| Source: Mouse | Full Name: nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 3 | Recommended Dilutions: IF 1:50-1:500 |
| Isotype: IgG1 | Calculated MW: 116 kDa | |
| Immunogen Catalog Number: AG27306 | Observed MW: 160 kDa | |

Applications

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| Tested Applications: IF | Positive Controls: IF : HepG2 cells, |
| Species Specificity: Human | |

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

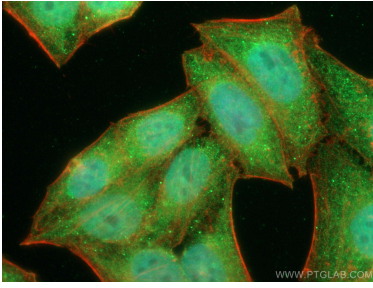
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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
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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



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 NFATC3 antibody (CL488-66924, Clone: 1C1H8) at dilution of 1:200, CL594-Phalloidin (red).