

For Research Use Only

CoraLite®594-conjugated TNFAIP3 Monoclonal antibody



Catalog Number:CL594-66695

Basic Information

Catalog Number: CL594-66695	GenBank Accession Number: BC114480	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 7128	CloneNo.: 3A11G6
Source: Mouse	Full Name: tumor necrosis factor, alpha-induced protein 3	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Calculated MW: 790 aa, 90 kDa	Excitation/Emission maxima wavelengths: 593 nm / 614 nm
Immunogen Catalog Number: AG18150	Observed MW: 80 kDa	

Applications

Tested Applications: FC (Intra), IF	Positive Controls: IF : HeLa cells,
Species Specificity: Human, Rat	

Background Information

TNFAIP3, also named A20, is a cytoplasmic zinc finger protein that inhibits nuclear factor kappa-B (NFkB) activity and tumor necrosis factor (TNF)-mediated programmed cell death. A20 is a ubiquitin-editing enzyme that contains both ubiquitin ligase and deubiquitinase activities, and is involved in immune and inflammatory responses signaled by cytokines, such as TNF-alpha and IL-1 beta, or pathogens via Toll-like receptors (TLRs) through terminating NF-kappa-B activity.

Storage

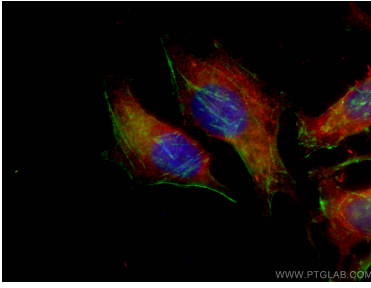
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

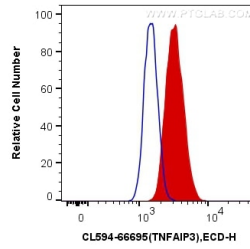
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite@594-conjugated TNFAIP3 antibody (CL594-66695, Clone: 3A11G6) at dilution of 1:200, F-actin was stained using CL488-phalloidin (green) and DNA was stained by DAPI (blue).



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite@594 Anti-Human TNFAIP3 (CL594-66695, Clone:3A11G6) (red), or 0.4 ug Mouse IgG1 Isotype Control (CL594-66360, Clone: T1F8D3F10) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).