

For Research Use Only

CoraLite®594-conjugated TNFAIP3 Monoclonal antibody



Catalog Number:CL594-66695

Basic Information

Catalog Number:

CL594-66695

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG18150

GenBank Accession Number:

BC114480

GeneID (NCBI):

7128

UNIPROT ID:

P21580

Full Name:

tumor necrosis factor, alpha-induced protein 3

Calculated MW:

790 aa, 90 kDa

Observed MW:

80 kDa

Purification Method:

Protein G purification

CloneNo.:

3A11G6

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima wavelenghts:

588 nm / 604 nm

Applications

Tested Applications:

FC (Intra), IF/ICC

Species Specificity:

Human, Rat

Positive Controls:

IF : HeLa cells,

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

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

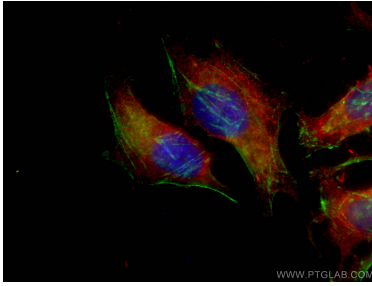
T: 4006900926

E: Proteintech-CN@ptglab.com

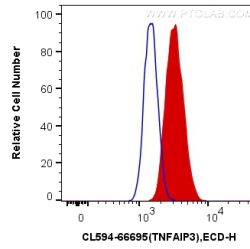
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Selected Validation Data



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).