

For Research Use Only

# TNFAIP3 Monoclonal antibody

Catalog Number: 66695-1-Ig **3 Publications**



## Basic Information

<b>Catalog Number:</b> 66695-1-Ig	<b>GenBank Accession Number:</b> BC114480	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1500 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 7128	<b>CloneNo.:</b> 3A11G6
<b>Source:</b> Mouse	<b>Full Name:</b> tumor necrosis factor, alpha-induced protein 3	<b>Recommended Dilutions:</b> WB 1:1000-1:6000 IF 1:50-1:500
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 790 aa, 90 kDa	
<b>Immunogen Catalog Number:</b> AG18150	<b>Observed MW:</b> 80 kDa	

## Applications

**Tested Applications:**  
FC, IF, WB, ELISA

**Cited Applications:**  
IF, IHC, WB

**Species Specificity:**  
Human, Rat

**Cited Species:**  
human, mouse

**Positive Controls:**

**WB :** HeLa cells, HSC-T6 cells, HEK-293 cells, HepG2 cells, Jurkat cells

**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 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Stamatia Papoutsopoulou	36290283	Biology (Basel)	IHC
Yilu Feng	32015333	Cell Death Dis	WB,IHC,IF
Yinzha0 Jia	36996991	Sci Total Environ	IHC,IF

## 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

\*\*\* 20ul sizes contain 0.1% BSA

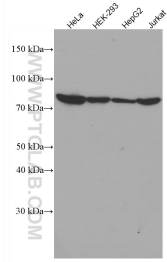
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

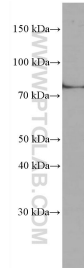
E: proteintech@ptglab.com  
W: ptglab.com

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

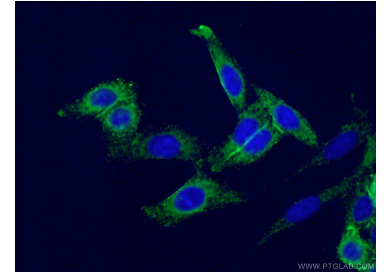
## Selected Validation Data



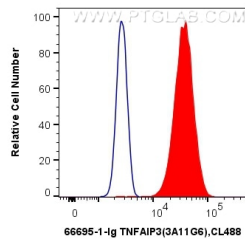
Various lysates were subjected to SDS PAGE followed by western blot with 66695-1-Ig (TNFAIP3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



HSC-T6 cells were subjected to SDS PAGE followed by western blot with 66695-1-Ig (TNFAIP3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 66695-1-Ig (TNFAIP3 antibody) at dilution of 1:100 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.5 ug Anti-Human TNFAIP3 (66695-1-Ig, Clone:3A11G6) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.5 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).