

For Research Use Only

# TNFAIP3 Monoclonal antibody, PBS Only

Catalog Number: 66695-1-PBS



## Basic Information

<b>Catalog Number:</b> 66695-1-PBS	<b>GenBank Accession Number:</b> BC114480	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1mg/ml	<b>GeneID (NCBI):</b> 7128	<b>CloneNo.:</b> 3A11G6
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P21580	
<b>Isotype:</b> IgG1	<b>Full Name:</b> tumor necrosis factor, alpha-induced protein 3	
<b>Immunogen Catalog Number:</b> AG18150	<b>Calculated MW:</b> 790 aa, 90 kDa	
	<b>Observed MW:</b> 80 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IF/ICC, FC (Intra), Indirect ELISA

**Species Specificity:**  
human, mouse, 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 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 -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

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

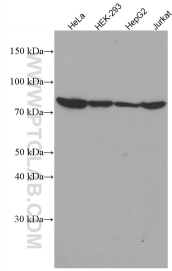
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

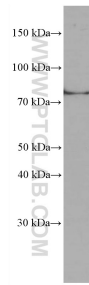
W: [ptgcn.com](http://ptgcn.com)

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

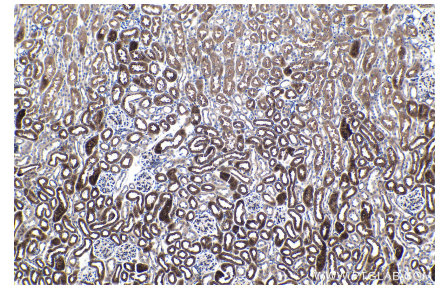
## Selected Validation Data



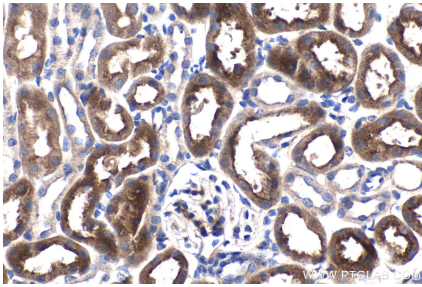
Various lysates were subjected to SDS PAGE followed by western blot with 66695-1-Ig (TNFAIP3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66695-1-PBS in a different storage buffer formulation.



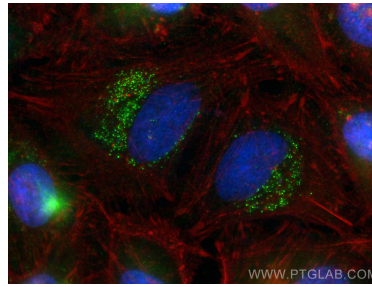
HSC-T6 cells were subjected to SDS PAGE followed by western blot with 66695-1-Ig (TNFAIP3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66695-1-PBS in a different storage buffer formulation.



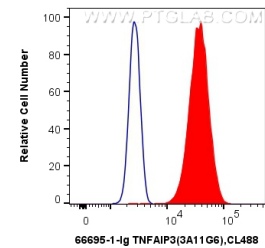
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 66695-1-Ig (TNFAIP3 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66695-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 66695-1-Ig (TNFAIP3 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66695-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using TNFAIP3 antibody (66695-1-Ig, Clone: 3A11G6) at dilution of 1:800 and Multi-rAb Coralite® Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002), CL594-phalloidin (red). This data was developed using the same antibody clone with 66695-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 66695-1-PBS in a different storage buffer formulation.