

For Research Use Only

TNFAIP3 Monoclonal antibody

Catalog Number: 66695-1-Ig **4 Publications**



Basic Information

Catalog Number: 66695-1-Ig	GenBank Accession Number: BC114480	Purification Method: Protein G purification
Size: 150ul, Concentration: 1500 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7128	CloneNo.: 3A11G6
Source: Mouse	UNIPROT ID: P21580	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:500-1:2000 IF/ICC 1:400-1:1600
Isotype: IgG1	Full Name: tumor necrosis factor, alpha-induced protein 3	
Immunogen Catalog Number: AG18150	Calculated MW: 790 aa, 90 kDa	
	Observed MW: 80 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, FC (Intra), ELISA	Positive Controls:
Cited Applications: WB, IHC, IF	WB : HeLa cells, HSC-T6 cells, HEK-293 cells, HepG2 cells, Jurkat cells
Species Specificity: human, mouse, rat	IHC : rat kidney tissue, human thyroid cancer tissue, mouse kidney tissue, rat ovary tissue
Cited Species: human, mouse	IF/ICC : HeLa cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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
Yuanyuan Chen	38653359	Biochim Biophys Acta Mol Basis Dis	WB

Storage

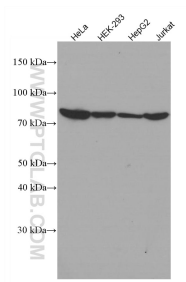
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

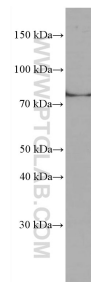
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

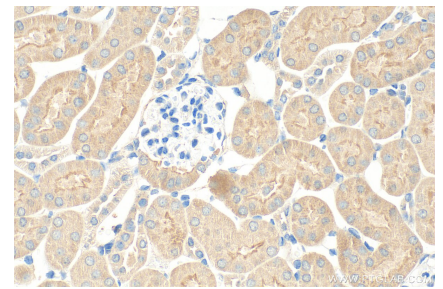
Selected Validation Data



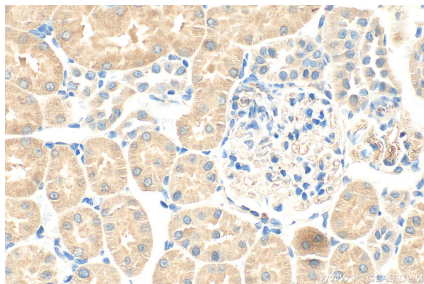
Various lysates were subjected to SDS PAGE followed by western blot with 66695-1-Ig (TNFAIP3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



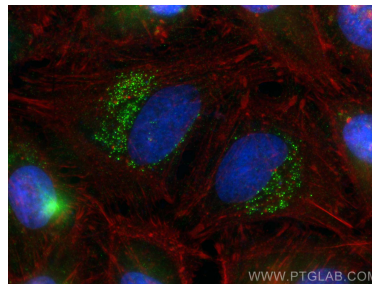
HSC-T6 cells were subjected to SDS PAGE followed by western blot with 66695-1-Ig (TNFAIP3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



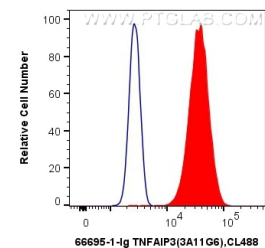
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 66695-1-Ig (TNFAIP3 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using 66695-1-Ig (TNFAIP3 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



1X10⁶ 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).