

TRAF6 Monoclonal antibody

Catalog Number: 66498-1-Ig

Featured Product

55 Publications

Basic Information

Catalog Number:

66498-1-Ig

Size:

1300 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG24696

GenBank Accession Number:

BC031052

GeneID (NCBI):

7189

UNIPROT ID:

Q9Y4K3

Full Name:

TNF receptor-associated factor 6

Calculated MW:

522 aa, 60 kDa

Observed MW:

60 kDa

Purification Method:

Protein A purification

CloneNo.:

1D1E1

Recommended Dilutions:

WB 1:5000-1:20000

IF 1:200-1:800

Applications

Tested Applications:

FC, IF/ICC, WB, ELISA

Cited Applications:

IF, IHC, IP, WB

Species Specificity:

Human

Cited Species:

human, fish, pig

Positive Controls:

WB : A431 cells, HeLa cells, HEK-293 cells, K-562 cells, Jurkat cells, HepG2 cells, U2OS cells

IF : HeLa cells,

Background Information

TRAF6 is a member of the TNF receptor associated factor (TRAF) protein family. TRAF6 is recognized as a signal transducer, which activates the NF- κ B pathway in response to pro-inflammatory cytokines. TRAF6 has E3 ligase activity and is responsible for inducing Lys-63 (K63)-linked poly-ubiquitination chains, functioning together with E2 Ubc13/Uev1A complex to mediate IKK activation. TRAF6 plays a crucial role in the regulation of the innate and adaptive immune responses.

Notable Publications

Author	Pubmed ID	Journal	Application
Sujie Dong	36215773	Vet Microbiol	WB
Jiajun Liu	34524943	Autophagy	WB, IF
Zening Qiao	36185691	Front Nutr	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

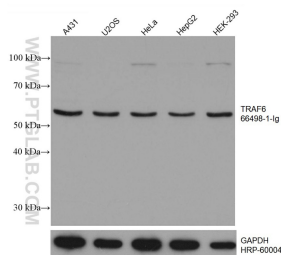
For technical support and original validation data for this product please contact:

T: 4006900926

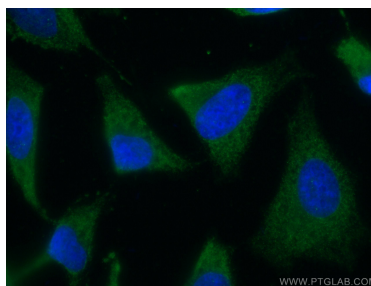
E: Proteintech-CN@ptglab.comW: ptgcn.com

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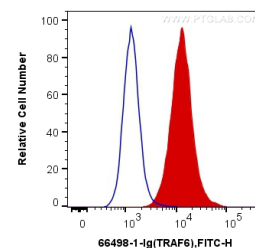
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66498-1-Ig (TRAF6 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using TRAF6 antibody (66498-1-Ig, Clone: 1D1E1) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10⁶ Jurkat cells were intracellularly stained with 0.2 ug Anti-Human TRAF6 (66498-1-Ig, Clone: 1D1E1) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Mouse IgG1 Isotype Control (66360-1-Ig, Clone: T1F8D3F10) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).