

For Research Use Only

# CoraLite® Plus 647-conjugated TRAF6 Monoclonal antibody



Catalog Number: CL647-66498

Featured Product

1 Publications

## Basic Information

<b>Catalog Number:</b> CL647-66498	<b>GenBank Accession Number:</b> BC031052	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7189	<b>CloneNo.:</b> 1D1E1
<b>Source:</b> Mouse	<b>Full Name:</b> TNF receptor-associated factor 6	<b>Excitation/Emission maximum wavelengths:</b> 654 nm / 674 nm
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 522 aa, 60 kDa	
<b>Immunogen Catalog Number:</b> AG24696	<b>Observed MW:</b> 60 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Cited Applications:**  
WB

**Species Specificity:**  
Human

**Cited Species:**  
human

## 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-κB 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
Yi Zhang	38044598	Balkan Med J	WB

## 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.

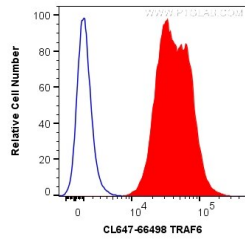
Aliquoting is unnecessary for -20°C storage

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

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



1X10<sup>6</sup> Jurkat cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human TRAF6 (CL647-66498, Clone:1D1E1) (red), or 0.2 ug APC-65128 ; APC Mouse IgG2b Isotype Control (APC-65128, Clone: MPC-11) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).