

For Research Use Only

CoraLite® Plus 488-conjugated TRIM21 Recombinant antibody

Catalog Number:CL488-83530-3



Basic Information

Catalog Number: CL488-83530-3	GenBank Accession Number: BC010861	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 6737	CloneNo.: 240491B2
Source: Rabbit	UNIPROT ID: P19474	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: tripartite motif-containing 21	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG28377	Calculated MW: 475 aa, 54 kDa	
	Observed MW: 52 kDa	

Applications

Tested Applications: IF/ICC, FC (Intra)	Positive Controls: IF/ICC : A549 cells,
Species Specificity: human	

Background Information

TRIM21 has multiple N-terminal zinc finger motifs(has E3 ligase activity), a central leucine zipper, and a potential N-glycosylation site. TRIM3 is a E3 ubiquitin-protein ligase. It can form a ubiquitin ligase complex with E2 UBE2D2, which function not only for the ubiquitination of USP4 and IKKB but also for its self-ubiquitination. It has a role in the regulation of the cell cycle progression and could enhance the decapping activity of DCP2. It can exist in all mammalian cells as a ribonucleoprotein particle , which composed of a single polypeptide and 1 of 4 small RNA molecules. TRIM21 exists various isoforms and range molecular weight of isoforms is about 42-45kDa and 49-54 kDa.

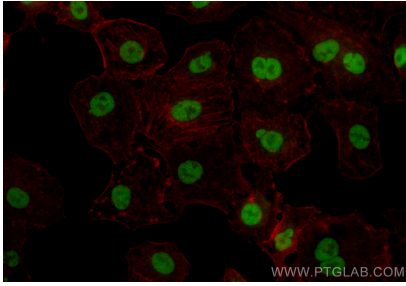
Storage

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

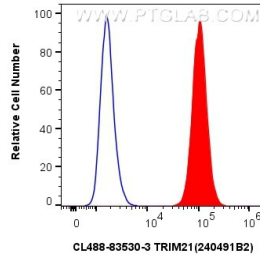
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A549 cells using CoraLite® Plus 488 TRIM21 antibody (CL488-83530-3, Clone: 240491B2) at dilution of 1:0.



1x10⁶ A549 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488-conjugated TRIM21 Recombinant antibody (CL488-83530-3, Clone:240491B2)(red), or 0.4 ug CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).