

For Research Use Only

TRIM22 Recombinant antibody

Catalog Number: 83479-4-RR



Basic Information

Catalog Number: 83479-4-RR	GenBank Accession Number: BC035582	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 10346	CloneNo.: 240411D6
Source: Rabbit	UNIPROT ID: Q8IYM9	Recommended Dilutions: WB 1:2000-1:10000 IF/ICC 1:50-1:500
Isotype: IgG	Full Name: tripartite motif-containing 22	
Immunogen Catalog Number: AG4683	Calculated MW: 498 aa, 57 kDa	
	Observed MW: 57 kDa	

Applications

Tested Applications: WB, IF/ICC, FC (Intra), ELISA	Positive Controls: WB : HeLa cells, HL-60 cells, K-562 cells, A549 cells, U2OS cells IF/ICC : A431 cells,
Species Specificity: human	

Background Information

Tripartite motif containing 22 (TRIM22), a member of the TRIM/RBCC family, has been reported to activate the nuclear factor-kappa B (NF- κ B) pathway in unstimulated macrophage cell lines (PMID: 23818111). TRIM22 is involved in the host antiviral response, TRIM22 expression is modulated in response to several other viruses and viral antigens. TRIM22 expression is high in monocytes and early granulocytes but decreases in the lymphocyte and late granulocyte populations and is undetectable in erythroid

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

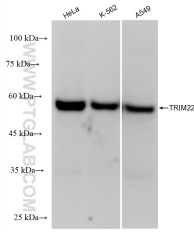
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

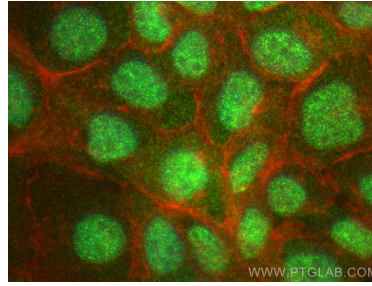
E: proteintech@ptglab.com
W: ptglab.com

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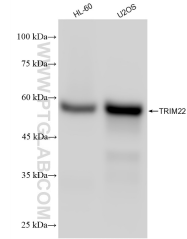
Selected Validation Data



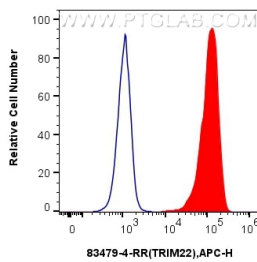
Various lysates were subjected to SDS PAGE followed by western blot with 83479-4-RR (TRIM22 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



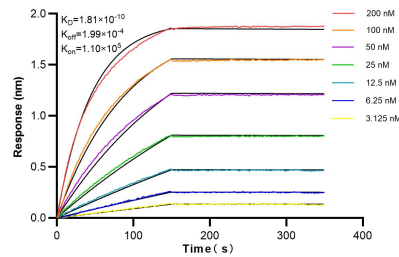
Immunofluorescent analysis of (4% PFA) fixed A431 cells using TRIM22 antibody (83479-4-RR, Clone: 240411D6) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red).



Various lysates were subjected to SDS PAGE followed by western blot with 83479-4-RR (TRIM22 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



1×10^6 U2OS cells were intracellularly stained with 0.25 μ g TRIM22 Recombinant antibody (83479-4-RR, Clone:240411D6) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 μ g Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Biolayer interferometry (BLI) kinetic assays of 83479-4-RR against Human TRIM22 were performed. The affinity constant is 0.181 nM.