

For Research Use Only

TRIM22 Recombinant antibody

Catalog Number: 83479-4-RR



Basic Information

Catalog Number:

83479-4-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4683

GenBank Accession Number:

BC035582

GeneID (NCBI):

10346

UNIPROT ID:

Q8IYM9

Full Name:

tripartite motif-containing 22

Calculated MW:

498 aa, 57 kDa

Observed MW:

57 kDa

Purification Method:

Protein A purification

CloneNo.:

240411D6

Recommended Dilutions:

WB 1:2000-1:10000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, HL-60 cells, K-562 cells, A549 cells, U2OS cells

IF/ICC : A431 cells,

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

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

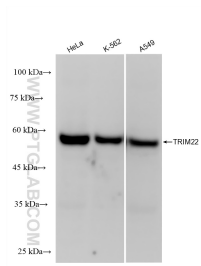
T: 4006900926

E: Proteintech-CN@ptglab.com

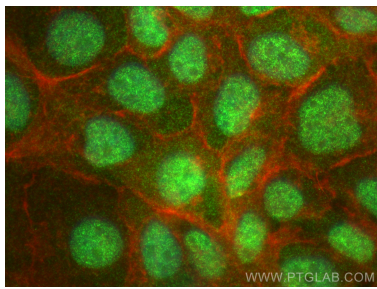
W: ptgcn.com

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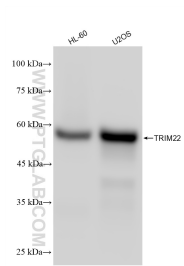
Selected Validation Data



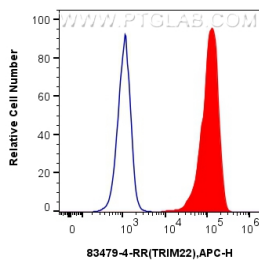
Various lysates were subjected to SDS PAGE followed by western blot with 83479-4-RR (TRIM22 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



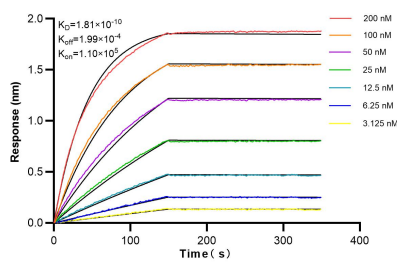
Immunofluorescent analysis of (4% PFA) fixed A431 cells using TRIM22 antibody (83479-4-RR, Clone: 240411D6) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red).



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.



1x10⁶ U2OS cells were intracellularly stained with 0.25 ug TRIM22 Recombinant antibody (83479-4-RR, Clone:240411D6) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug 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.