

For Research Use Only

# Multi-rAb® TRIM29 Multi-Recombinant antibody

Catalog Number: RMX00086



## Basic Information

<b>Catalog Number:</b> RMX00086	<b>GenBank Accession Number:</b> BC017352	<b>Purification Method:</b> N/A
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 23650	<b>Recommended Dilutions:</b> WB: 1:5000-1:50000 IHC: 1:1000-1:4000 IF/ICC: 1:250-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q14134	
<b>Isotype:</b> IgG	<b>Full Name:</b> tripartite motif-containing 29	
	<b>Calculated MW:</b> 588 aa, 66 kDa	
	<b>Observed MW:</b> 65-70 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IF/ICC, ELISA

**Species Specificity:**  
human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB :** A431 cells, HT-29 cells

**IHC :** human skin cancer tissue,

**IF/ICC :** A431 cells,

## Background Information

TRIM29(Tripartite motif-containing protein 29) is also named as ATDC( Ataxia telangiectasia group D-associated protein). ATDC protein physically interacted with the intermediate filament protein vimentin, a protein kinase C substrate and colocalizing protein, and with an inhibitor of protein kinase C, PKC11 (PMID:7644499). Knockdown of TRIM29 in airway epithelial cells enhances type I interferon production, and in human nasopharyngeal carcinoma cells results in almost complete Epstein-Barr virus clearance. TRIM29 is also highly induced by cytosolic double-stranded DNA in myeloid dendritic cells (PMID: 29038422). Western detected both full-length TRIM29 (65 kDa) and a truncated variant of TRIM29 with a molecular weight of about 50 kDa (PMID: 26095369).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol.  
Aliquoting is unnecessary for -20°C storage

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

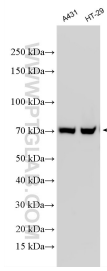
For technical support and original validation data for this product please contact:

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

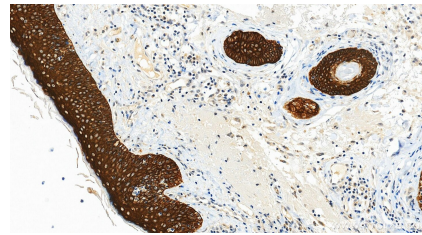
E: proteintech@ptglab.com  
W: ptglab.com

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

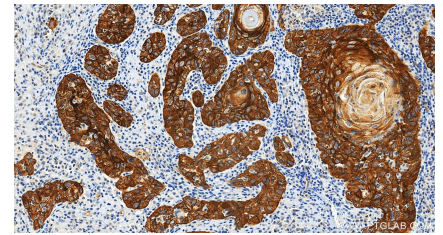
## Selected Validation Data



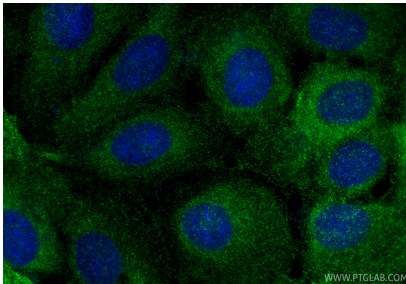
Various lysates were subjected to SDS PAGE followed by western blot with RMX00086 (TRIM29 antibody) at dilution of 1:17000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using RMX00086 (TRIM29 antibody) at dilution of 1:2000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using RMX00086 (TRIM29 antibody) at dilution of 1:2000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using TRIM29 antibody (RMX00086) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).