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**Product Name: TRIM29 Mouse Monoclonal Antibody****Catalog #: AMM82116**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,ICC,ELISA,FC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG2a
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ICC 1:100-1:500,ELISA 1:5000-1:20000,FC 1:200-1:400
<b>Molecular Weight</b>	65.8kDa

**Antigen Information**

<b>Gene Name</b>	TRIM29
<b>Alternative Names</b>	ATDC
<b>Gene ID</b>	23650.0
<b>SwissProt ID</b>	Q14134
<b>Immunogen</b>	Purified recombinant fragment of human TRIM29 (AA: 451-588) expressed in E. Coli.

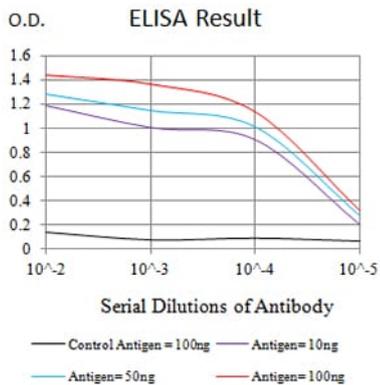
**Background**

The protein encoded by this gene belongs to the TRIM protein family. It has multiple zinc finger motifs and a leucine zipper motif. It has been proposed to form homo- or heterodimers which are involved in nucleic acid binding. Thus, it may act as a transcriptional regulatory factor involved in carcinogenesis and/or differentiation. It may also function in the suppression of

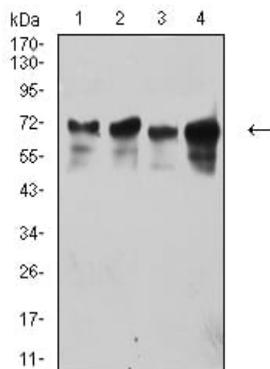
radiosensitivity since it is associated with ataxia telangiectasia phenotype.

## Research Area

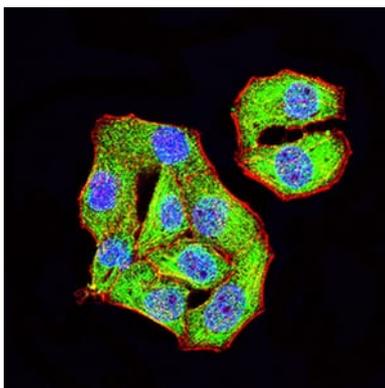
## Image Data



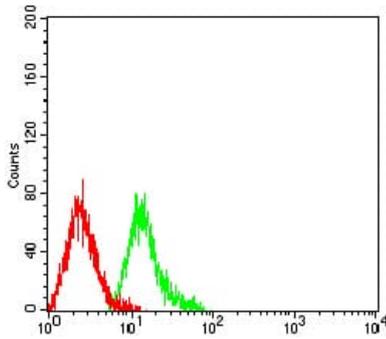
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using TRIM29 mouse mAb against HeLa (1), HepG2 (2), LOVO (3), and A431 (4) cell lysate.



Immunofluorescence analysis of HeLa cells using TRIM29 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Flow cytometric analysis of HL-60 cells using TRIM29 mouse mAb (green) and negative control (red).