

## Product datasheet for **CF812274**

### TRIM29 Mouse Monoclonal Antibody [Clone ID: OTI5C11]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI5C11
Applications:	IHC, WB
Recommended Dilution:	WB 1:500, IHC 1:500
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-352 of human TRIM29 (NP_036233) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	tripartite motif containing 29
Database Link:	<a href="#">NP_036233</a> <a href="#">Entrez Gene 72169 Mouse</a> <a href="#">Entrez Gene 300656 Rat</a> <a href="#">Entrez Gene 23650 Human</a> <a href="#">Q14134</a>



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**Background:**

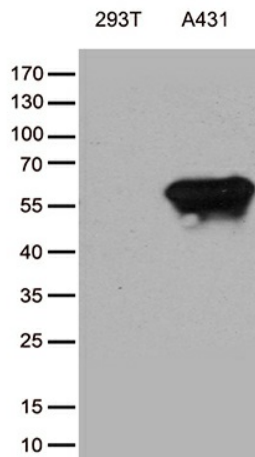
The protein encoded by this gene belongs to the TRIM protein family. It has multiple zinc finger motifs and a leucine zipper motif. It has been proposed to form homo- or heterodimers which are involved in nucleic acid binding. Thus, it may act as a transcriptional regulatory factor involved in carcinogenesis and/or differentiation. It may also function in the suppression of radiosensitivity since it is associated with ataxia telangiectasia phenotype. [provided by RefSeq, Jul 2008]

**Synonyms:**

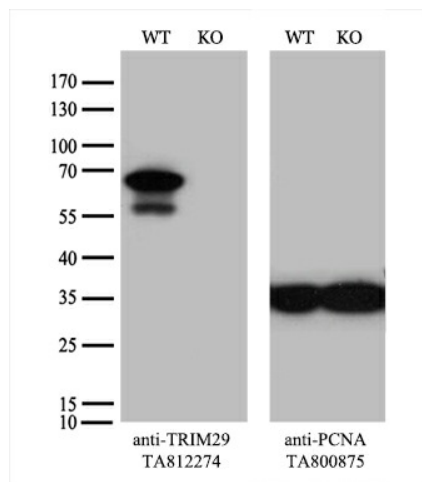
ATDC

**Protein Families:**

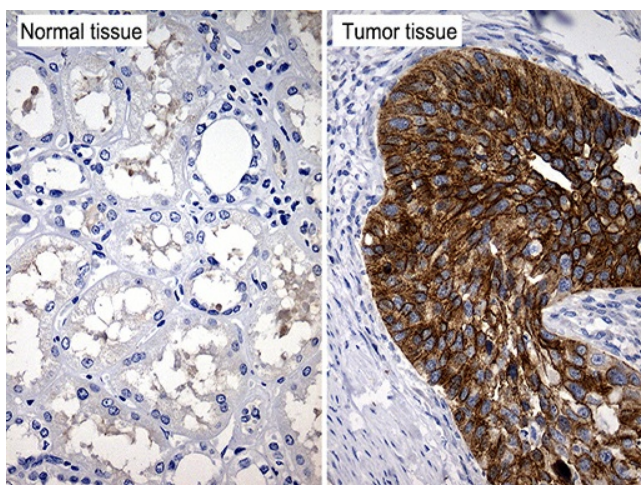
Transcription Factors

**Product images:**


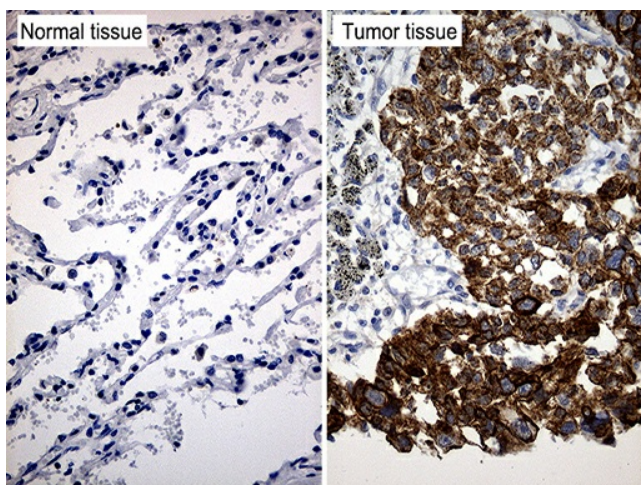
Western blot analysis of extracts (35ug) from cell lines by using anti-TRIM29 monoclonal antibody (1:500).



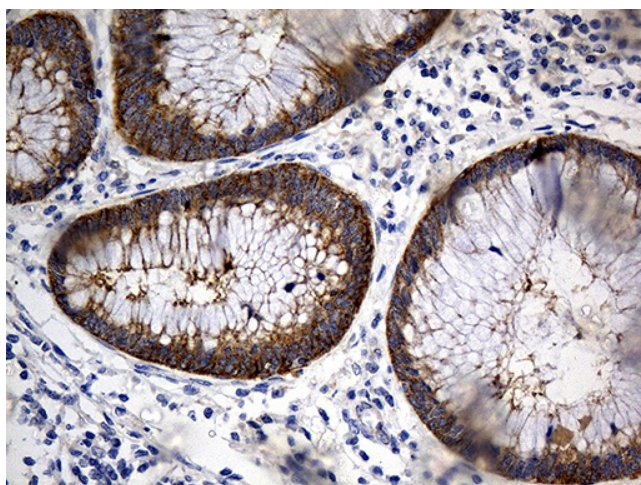
Equivalent amounts of cell lysates (10 ug per lane) of wild-type HeLa cells (WT, Cat# LC810HELA) and TRIM29-Knockout HeLa cells (KO, Cat# [LC831295]) were separated by SDS-PAGE and immunoblotted with anti-TRIM29 monoclonal antibody [TA812274] (1:500). Then the blotted membrane was stripped and reprobed with anti-PCNA antibody as a loading control.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-TRIM29 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-TRIM29 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Human appendix tissue within the normal limits using anti-TRIM29 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.