

Product datasheet for **TA812274AM**

TRIM29 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI5C11]

Product data:

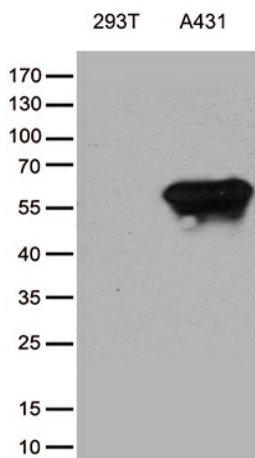
| | |
|-----------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI5C11 |
| Applications: | IHC, WB |
| Recommended Dilution: | WB 1:500, IHC 1:500 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG2b |
| Clonality: | Monoclonal |
| Immunogen: | Human recombinant protein fragment corresponding to amino acids 1-352 of human TRIM29 (NP_036233) produced in E.coli. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 0.5 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Biotin |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Gene Name: | tripartite motif containing 29 |
| Database Link: | NP_036233 Entrez Gene 72169 Mouse Entrez Gene 300656 Rat Entrez Gene 23650 Human Q14134 |
| 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 |



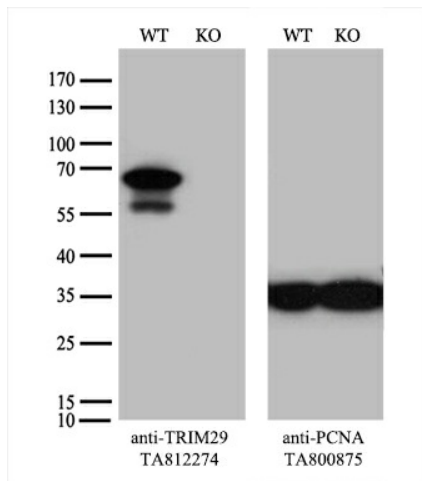
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Protein Families: Transcription Factors

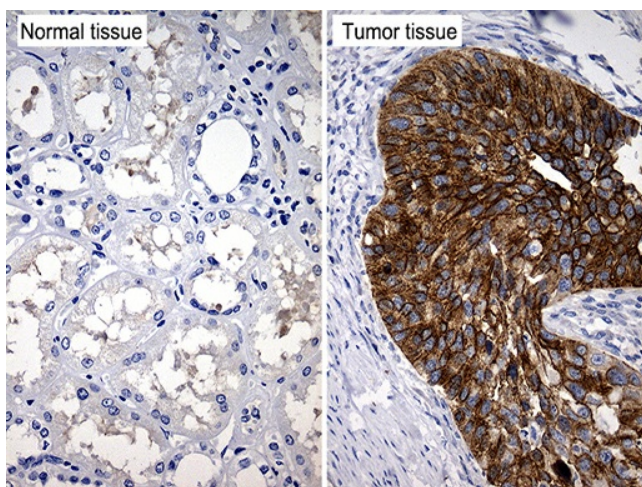
Product images:



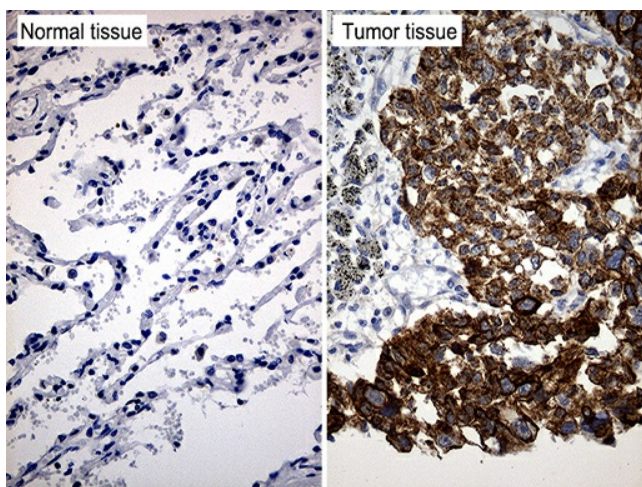
Western blot analysis of extracts (35ug) from cell lines by using anti-TRIM29 monoclonal antibody (1:500).



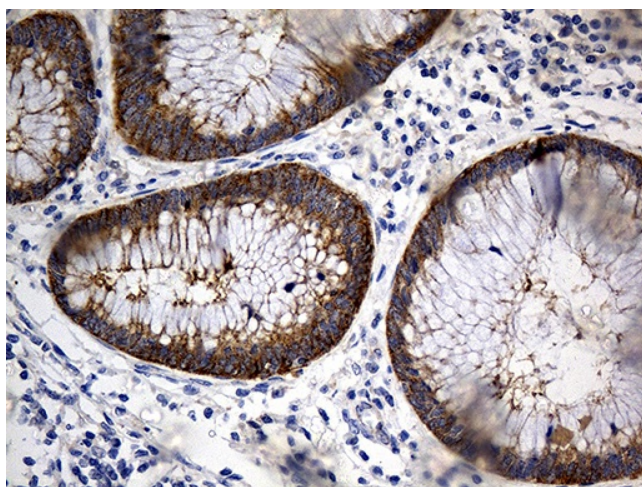
Equivalent amounts of cell lysates (10 ug per lane) of wild-type HeLa cells (WT, Cat# LC810HELA) and TRIM29-Knockout HeLa cells (KO, Cat# [LC831295]) were separated by SDS-PAGE and immunoblotted with anti-TRIM29 monoclonal antibody [TA812274] (1:500). Then the blotted membrane was stripped and reprobed 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 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA812274]) (1:500)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-TRIM29 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA812274]) (1:500)



Immunohistochemical staining of paraffin-embedded Human appendix tissue within the normal limits using anti-TRIM29 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA812274]) (1:500)