

ARG65149 anti-TRIM29 / ATDC antibody

Package: 100 µg
Store at: -20°C

Summary

| | |
|---------------------|--|
| Product Description | Goat Polyclonal antibody recognizes TRIM29 / ATDC |
| Tested Reactivity | Hu |
| Predict Reactivity | Ms, Rat, Cow |
| Tested Application | FACS, ICC/IF, IHC-P, WB |
| Host | Goat |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | TRIM29 / ATDC |
| Species | Human |
| Immunogen | C-EKDRIKSFTTNE |
| Conjugation | Un-conjugated |
| Alternate Names | Tripartite motif-containing protein 29; Ataxia telangiectasia group D-associated protein; ATDC |

Application Instructions

| Application table | Application | Dilution |
|-------------------|-------------|---------------|
| | FACS | 10 µg/ml |
| | ICC/IF | 10 µg/ml |
| | IHC-P | 3 - 5 µg/ml |
| | WB | 0.1 - 1 µg/ml |

Application Note
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

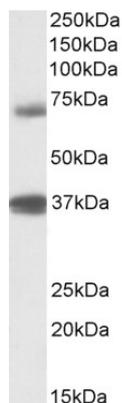
| | |
|---------------|--|
| Form | Liquid |
| Purification | Purified from goat serum by antigen affinity chromatography. |
| Buffer | Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 0.5% BSA |
| Concentration | 0.5 mg/ml |

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|---------------------|--|
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

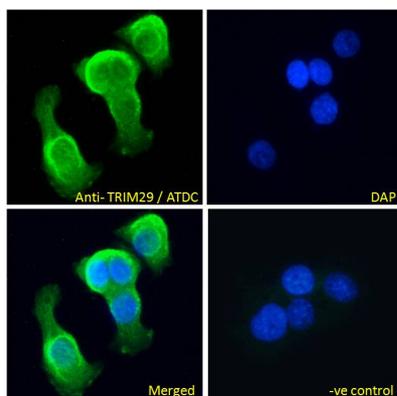
| | |
|----------------|---|
| Database links | GeneID: 23650 Human Swiss-port # Q14134 Human |
| Background | The protein encoded by this gene belongs to the TRIM protein family. It has multiple zinc finger motifs and a leucine zipper motif. It has been proposed to form homo- or heterodimers which are 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] |
| Research Area | Cell Biology and Cellular Response antibody; Gene Regulation antibody |
| Calculated Mw | 66 kDa |
| PTM | Constitutively phosphorylated by PKC on serine/threonine in A431 cells. |

Images



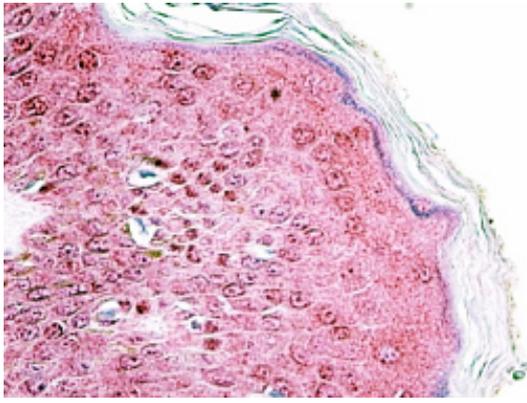
ARG65149 anti-TRIM29 / ATDC antibody WB image

Western Blot: Peripheral Blood Lymphocytes lysate (35 µg protein in RIPA buffer) stained with ARG65149 anti-TRIM29 antibody at 1 µg/ml dilution.



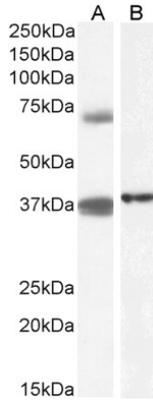
ARG65149 anti-TRIM29 / ATDC antibody ICC/IF image

Immunofluorescence: Paraformaldehyde fixed A431 cells permeabilized with 0.15% Triton. Cells were stained with ARG65149 anti-TRIM29 / ATDC antibody (green) at 10 µg/ml dilution for 1 hour. DAPI (blue) for nuclear staining. Negative control: Unimmunized goat IgG (green) at 10 µg/ml dilution.



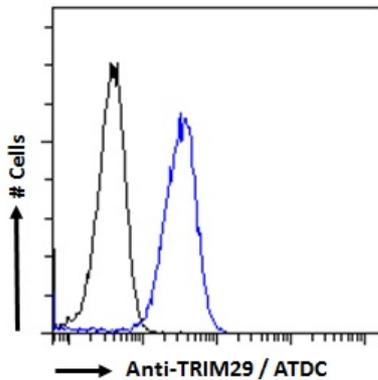
ARG65149 anti-TRIM29 / ATDC antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Skin. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG65149 anti-TRIM29 antibody at 3.8 $\mu\text{g}/\text{ml}$ dilution followed by AP-staining.



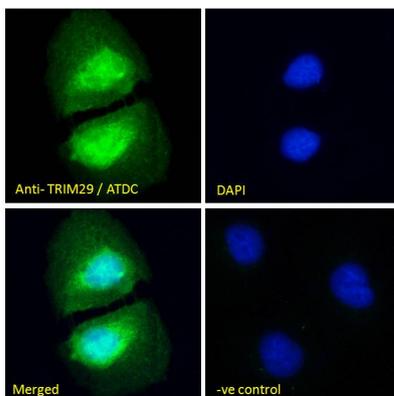
ARG65149 anti-TRIM29 / ATDC antibody WB image

Western blot: 35 μg of peripheral blood mononucleocyte (A) and HeLa (B) cell lysates (in RIPA buffer) stained with ARG65149 anti-TRIM29 / ATDC antibody at 1 $\mu\text{g}/\text{ml}$ dilution and incubated at RT for 1 hour.



ARG65149 anti-TRIM29 / ATDC antibody FACS image

Flow Cytometry: Paraformaldehyde-fixed A431 cells permeabilized with 0.5% Triton. Cells were stained with ARG65149 anti-TRIM29 / ATDC antibody (blue line) at 10 $\mu\text{g}/\text{ml}$ dilution for 1 hour, followed by incubation with Alexa FluorR 488 labelled secondary antibody. IgG control: Unimmunized goat IgG (black line).



ARG65149 anti-TRIM29 / ATDC antibody ICC/IF image

Immunofluorescence: Paraformaldehyde fixed U2OS cells permeabilized with 0.15% Triton. Cells were stained with ARG65149 anti-TRIM29 / ATDC antibody (green) at 10 $\mu\text{g}/\text{ml}$ dilution for 1 hour. DAPI (blue) for nuclear staining. Negative control: Unimmunized goat IgG (green) at 10 $\mu\text{g}/\text{ml}$ dilution.