

Datasheet for ABIN571104

**anti-TRIM29 antibody (Internal Region)**

5 Images

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## Overview

Quantity:	100 µg
Target:	TRIM29
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This TRIM29 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS)

## Product Details

Purpose:	TRIM29 / ATDC
Immunogen:	Peptide with sequence C-EKDRIKSFTTNE, from the internal region of the protein sequence according to NP_036233.2.
Sequence:	EKDRIKSFTT NE
Isotype:	IgG
Cross-Reactivity:	Cow, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	TRIM29
Alternative Name:	TRIM29 ( <a href="#">TRIM29 Products</a> )
Background:	TRIM29, tripartite motif-containing 29, ATDC, FLJ36085, ataxia-telangiectasia group D-associated protein, tripartite motif protein TRIM29
Molecular Weight:	65.8kDa
Gene ID:	23650, 72169, 300656
NCBI Accession:	<a href="#">NP_036233</a> , <a href="#">NP_001317311</a>
Pathways:	<a href="#">p53 Signaling</a> , <a href="#">Apoptosis</a> , <a href="#">DNA Damage Repair</a> , <a href="#">Inositol Metabolic Process</a> , <a href="#">Positive Regulation of Response to DNA Damage Stimulus</a>

## Application Details

Application Notes:	<p>Immunohistochemistry: In paraffin embedded Human Skin shows staining of subnuclear structures and cytoplasm in keratinocytes. Recommended concentration: 3.75 µg/mL.</p> <p>Western Blot: Approx 37 kDa band observed in Human Peripheral Blood Mononucleocytes (PBM) and in lysates of cell lines HeLa. An additional 70 kDa band was seen in some PBM lysates (calculated MW of 37.3 kDa according to NP_001317311.1 (isoform 2) and 65.8</p> <p>Peptide ELISA: antibody detection limit dilution 1:128000.</p>
Comment:	<p><b>Immunofluorescence:</b> Strong expression of the protein seen in the Cytoplasm and Intermediate filaments of A431 cells. Strong expression of the protein seen in the Nucleus of U2OS cells. Recommended concentration: 10µg/ml.</p> <p><b>Flow C</b></p>
Restrictions:	For Research Use only

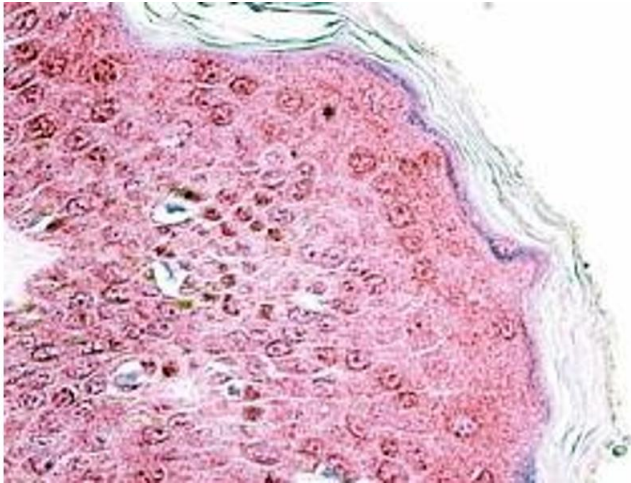
## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Handling

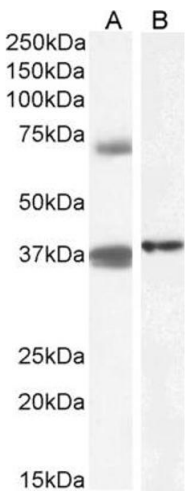
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

## Images



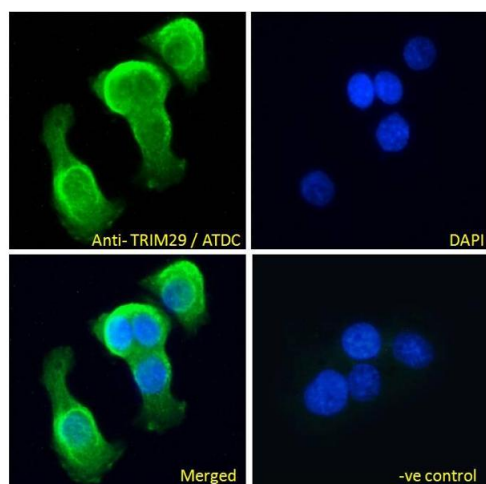
### Immunohistochemistry

**Image 1.** ABIN571104 (3.75µg/ml) staining of paraffin embedded Human Skin. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



### Western Blotting

**Image 2.** ABIN571104 (1µg/ml) staining of Peripheral Blood Mononucleocyte (A) and (0.1 ug/ml) HeLa (B) cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



### Immunofluorescence

**Image 3.** ABIN571104 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing cytoplasmic and Intermediate filament staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN571104.