

Datasheet for ABIN6939434  
**anti-TRIM29 antibody (AA 1-200)**

## 3 Images

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## Overview

Quantity:	100 µg
Target:	TRIM29
Binding Specificity:	AA 1-200
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TRIM29 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Coating (Coat), Staining Methods (StM)

## Product Details

Immunogen:	Recombinant fragment (126 Amino acid residues between aa 1-200) of human TRIM29 protein
Clone:	TRIM29-1041
Isotype:	IgG2a kappa
Specificity:	It recognizes a 66 kDa protein, which is identified as Tripartite motif-containing protein 29 (TRIM29). It interacts with the intermediate filament protein vimentin, a substrate for the PKC family of protein kinases, and with hPKCI-1, an inhibitor of the PKCs. TRIM29 protein contains both zinc finger and leucine zipper motifs, suggesting that the it may form homodimers and possibly associate with DNA. High expression of TRIM29 has been reported in gastric cancer and pancreatic cancer, and correlates with enhanced tumor growth and lymph node metastasis. TRIM29 is also able to distinguish lung squamous cell carcinoma from lung adenocarcinoma with ~90 % positive accuracy, when used in a panel with TTF-1, p63, CK5/6,

## Product Details

and Napsin-A antibodies.

Purification: Purified by Protein A/G

## Target Details

Target: TRIM29

Alternative Name: TRIM29 ([TRIM29 Products](#))

Molecular Weight: 66kDa

Gene ID: 23650

UniProt: [Q14134](#)

Pathways: [p53 Signaling](#), [Apoptosis](#), [DNA Damage Repair](#), [Inositol Metabolic Process](#), [Positive Regulation of Response to DNA Damage Stimulus](#)

## Application Details

Application Notes: Positive Control: Human tonsil or squamous cell carcinoma.  
Known Application: ELISA (For coating, order Ab without BSA), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

## Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

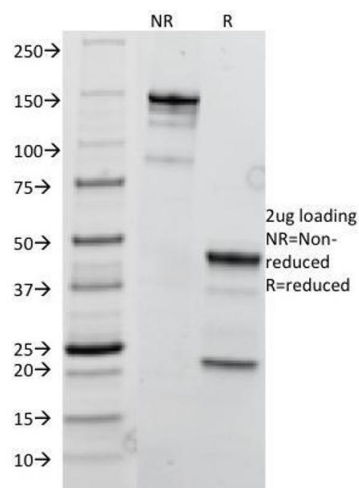
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -80 °C

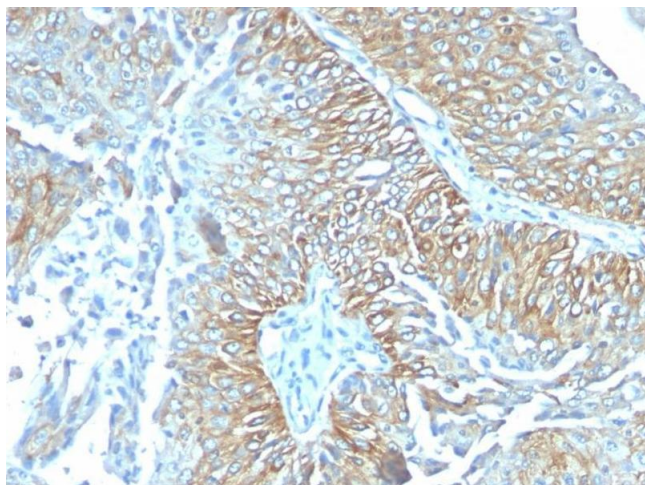
Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



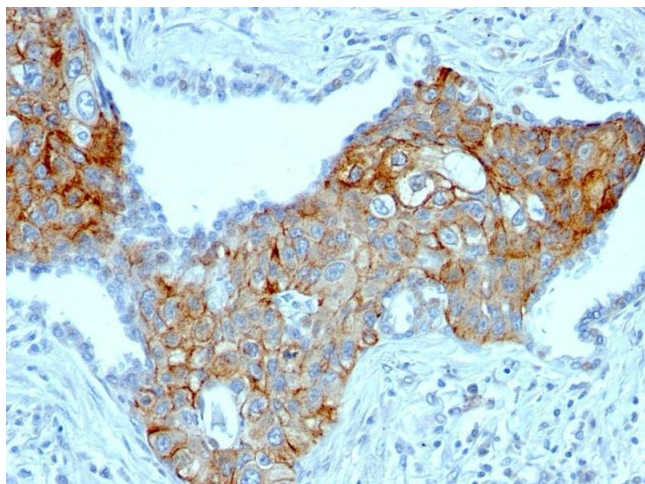
### SDS-PAGE

**Image 1.** SDS-PAGE Analysis Purified TRIM29 Mouse Monoclonal Antibody (TRIM29/1041). Confirmation of Purity and Integrity of Antibody.



### Immunohistochemistry

**Image 2.** Formalin-fixed, paraffin-embedded human Esophageal carcinoma stained with TRIM29 Mouse Monoclonal Antibody (TRIM29/1041).



### Immunohistochemistry

**Image 3.** Formalin-fixed, paraffin-embedded human Lung SqCC stained with TRIM29 Mouse Monoclonal Antibody (TRIM29/1041).