

Datasheet for ABIN6938675  
**anti-TRIM29 antibody (AA 1-200)**



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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 (Formalin-fixed Sections) (IHC (f)), Coating (Coat)

## 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.
Cross-Reactivity (Details):	Human.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

## Target Details

Target:	TRIM29
Alternative Name:	TRIM29 ( <a href="#">TRIM29 Products</a> )
Background:	Ataxia telangiectasia group D complementing gene (ATDC), Tripartite motif-containing protein 29 (TRIM29),TRIM29 (Lung Squamous Cell Carcinoma Marker) Cellular localisation: Cytoplasmic and Cell Surface
Molecular Weight:	66kDa
Gene ID:	23650, 504115
UniProt:	<a href="#">Q14134</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:	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 heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes), Optimal dilution for a specific application should be determined. Positive_Control: Human tonsil or squamous cell carcinoma.
Restrictions:	For Research Use only

## Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C

Handling

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Storage Comment:	Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months