

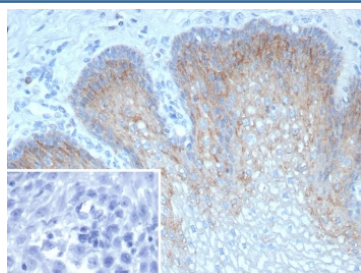
## Recombinant TRIM29 Antibody / Tripartite motif-containing protein 29 [clone TRIM29/9256R] (V5597)

Catalog No.	Formulation	Size
V5597-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5597-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5597SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

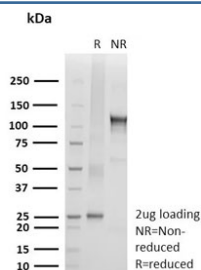
Recombinant **RABBIT MONOCLONAL**

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Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	TRIM29/9256R
Purity	Protein A/G affinity
UniProt	Q14134
Localization	Cytoplasm, Cell membrane
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This recombinant TRIM29 antibody is available for research use only.



IHC staining of FFPE human esophagus tissue with recombinant TRIM29 antibody (clone TRIM29/9256R). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant TRIM29 antibody (clone TRIM29/9256R) as confirmation of integrity and purity.

## Description

Tripartite motif-containing protein 29 (TRIM29) 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 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, and Napsin-A antibodies.

## Application Notes

Optimal dilution of the recombinant TRIM29 antibody should be determined by the researcher.

## Immunogen

A recombinant fragment (within amino acids 1-200) of human TRIM29 protein was used as the immunogen for the recombinant TRIM29 antibody.

## Storage

Aliquot the recombinant TRIM29 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.