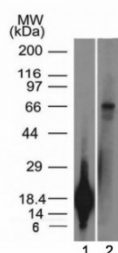


TRIM29 Antibody [clone TRIM29/1042] (V2508)

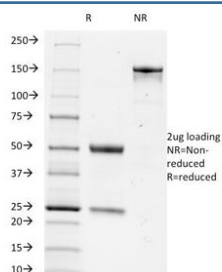
Catalog No.	Formulation	Size
V2508-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2508-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2508SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	TRIM29/1042
Purity	Protein G affinity chromatography
UniProt	Q14134
Localization	Cytoplasmic & cell surface
Applications	ELISA (order BSA/sodium Azide-free Format For Coating) : Western Blot : 1-2ug/ml
Limitations	This TRIM29 antibody is available for research use only.



Western blot testing of a 1) partial recombinant protein and 2) A431 cell lysate using TRIM29 antibody (clone TRIM29/1042). Predicted molecular weight ~66 kDa.



SDS-PAGE Analysis of Purified, BSA-Free TRIM29 Antibody (clone TRIM29/1042).
Confirmation of Integrity and Purity of the Antibody.

Description

It recognizes a 66kDa 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 hPKC δ -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 TRIM29 antibody should be determined by the researcher.

Immunogen

A recombinant fragment (126 amino acid residues between aa 1-200) from the human protein was used as the immunogen for the TRIM29 antibody.

Storage

Store the TRIM29 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).