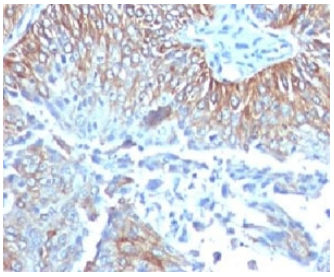
TRIM29 Antibody [clone TPMP29-1] (V7087)

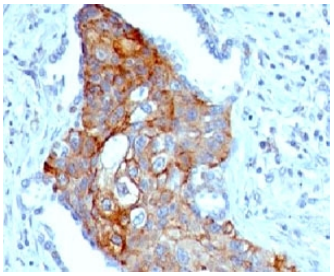
Catalog No.	Formulation	Size
V7087-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7087-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7087SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7087IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	TPMP29-1
Purity	Protein G affinity chromatography
UniProt	Q14134
Localization	Cytoplasmic & cell surface
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT Prediluted IHC only format: incubate for 30 min at RT (1)
Limitations	This TRIM29 antibody is available for research use only.



IHC testing of FFPE human esophageal carcinoma and TRIM29 antibody (clone TPMP29-1). FFPE testing requires sections to be boiled in pH 9 10mM Tris with 1mM EDTA for 10-20 minutes, followed by cooling at RT for 20 minutes, prior to staining.



TRIM29 Antibody LSCC IHC. Immunohistochemistry testing of FFPE human lung squamous cell carcinoma and TRIM29 antibody (clone TPMP29-1). FFPE testing requires sections to be boiled in pH 9 10mM Tris with 1mM EDTA for 10-20 minutes, followed by cooling at RT for 20 minutes, prior to staining.

Description

Tripartite motif-containing protein 29 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.

For additional TRIM29 and ATDC research antibodies targeting epithelial differentiation and squamous carcinoma-associated signaling pathways, explore the broader TRIM29 Antibody page featuring recombinant rabbit monoclonal clone TRIM29/9256R.

Application Notes

Titering of the TRIM29 antibody may be required for optimal performance.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

An N-terminal human recombinant protein fragment was used as the immunogen for the TRIM29 antibody.

Storage

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

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