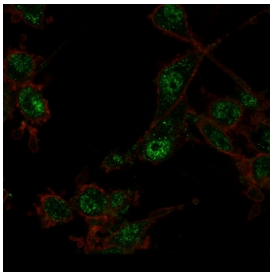
TRIM27 Antibody [clone PCRP-TRIM27-1B3] (V9239)

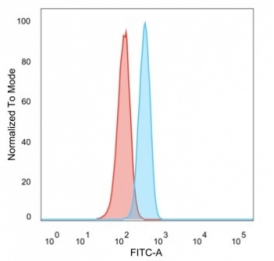
Catalog No.	Formulation	Size
V9239-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9239-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9239SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

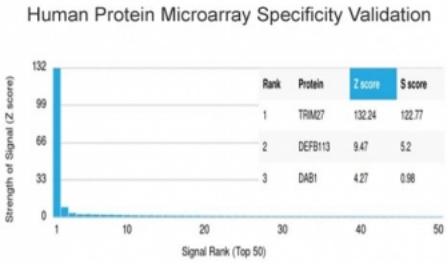
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a
Clone Name	PCRP-TRIM27-1B3
Purity	Protein A/G affinity
UniProt	P14373
Localization	Nucleus, Cytoplasm
Applications	Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml
Limitations	This TRIM27 antibody is available for research use only.



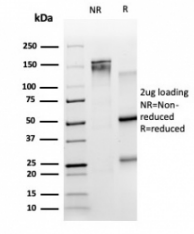
Immunofluorescent staining of PFA-fixed U87 cells using TRIM27 antibody (green, clone PCRP-TRIM27-1B3) and phalloidin (red).



FACS staining of PFA-fixed human HeLa cells with TRIM27 antibody (blue, clone PCRP-TRIM27-1B3), and unstained cells (red).



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using TRIM27 antibody (clone PCRP-TRIM27-1B3). These results demonstrate the foremost specificity of the PCRP-TRIM27-1B3 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.



SDS-PAGE analysis of purified, BSA-free TRIM27 antibody (PCRP-TRIM27-1B3) as confirmation of integrity and purity.

Description

Defects in TRIM27 are a cause of thyroid papillary carcinoma (TPC). TPC is a common tumor of the thyroid that typically arises as an irregular, solid or cystic mass from otherwise normal thyroid tissue. Papillary carcinomas are malignant neoplasm characterized by the formation of numerous, irregular, finger-like projections of fibrous stroma that is covered with a surface layer of neoplastic epithelial cells.

Application Notes

Optimal dilution of the TRIM27 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human TRIM27 protein was used as the immunogen for the TRIM27 antibody.

Storage

Aliquot the TRIM27 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.