

TRIM29 (Lung Squamous Cell Carcinoma Marker) Antibody

Mouse Monoclonal Antibody [Clone TRIM29/1041]

Catalog No	Format	Size
23650-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
23650-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
23650-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

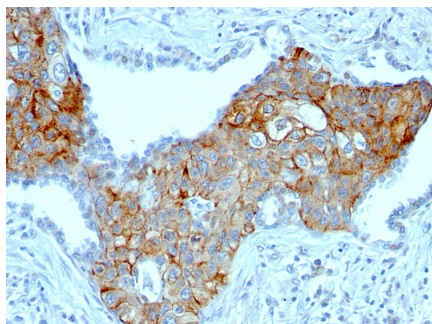
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

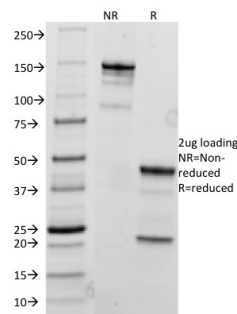
Clone	TRIM29/1041
Gene Name	TRIM29
Immunogen	Recombinant fragment (126 Amino acid residues between aa 1-200) of human TRIM29 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2a / Kappa
Mol. Weight of Antigen	66kDa
Cellular Localization	Cytoplasm, Lysosome
Species Reactivity	Human
Positive Control	Human tonsil or squamous cell carcinoma.

*Optimal dilution for a specific application should be determined.

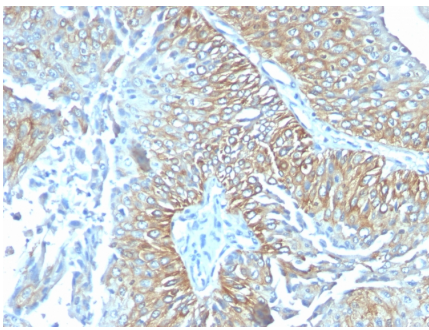
Product Images for TRIM29 (Lung Squamous Cell Carcinoma Marker) Antibody



Formalin-fixed, paraffin-embedded human Esophageal carcinoma stained with TRIM29 Mouse Monoclonal Antibody (TRIM29/1041).



SDS-PAGE Analysis of Purified TRIM29 Mouse Monoclonal Antibody (TRIM29/1041). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human Lung SqCC stained with TRIM29 Mouse Monoclonal Antibody (TRIM29/1041).

Specificity & Comments

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.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Immunology, Cytokine Signaling
