

## TRIM29 (Lung Squamous Cell Carcinoma Marker) Antibody

Mouse Monoclonal Antibody [Clone TRIM29/1042]

Catalog No	Format	Size
23650-MSM2-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
23650-MSM2-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
23650-MSM2-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

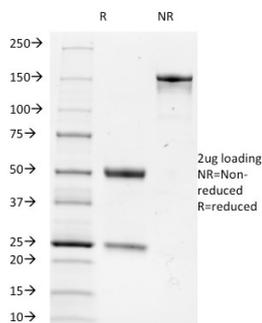
Applications	Tested Dillution	Note
Western Blot (WB)	2-4ug/ml	

### Product Details

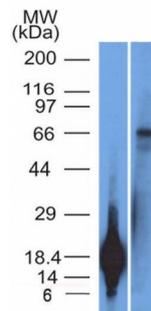
<b>Clone</b>	TRIM29/1042
<b>Gene Name</b>	TRIM29
<b>Immunogen</b>	Recombinant fragment (126 Amino acid residues between aa 1-200) of human TRIM29 protein
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG2b / Kappa
<b>Mol. Weight of Antigen</b>	66kDa
<b>Cellular Localization</b>	Cytoplasm, Lysosome
<b>Species Reactivity</b>	Human
<b>Positive Control</b>	A431 cells. Tonsil or Squamous cell carcinoma.

\*Optimal dilution for a specific application should be determined.

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



SDS-PAGE Analysis of Purified TRIM29 Monoclonal Antibody (TRIM29/1042). Confirmation of Purity and Integrity of Antibody.



Western Blot Analysis of TRIM29 Recombinant protein fragment & A431 cell lysate TRIM29 Monoclonal Antibody (TRIM29/1042).

### 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 hPKC1-1, 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.

### 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

Cytokine Signaling, Immunology

## 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.

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