Recombinant TRIM29 (Lung Squamous Cell Carcinoma Marker) Antibody

Rabbit Monoclonal Antibody [Clone TRIM29/9257R]

Catalog No	Format	Size
23650-RBM7-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
23650-RBM7-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
23650-RBM7-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

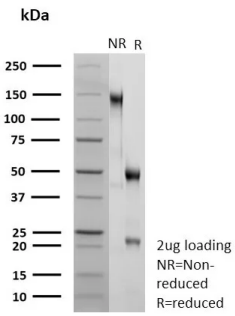
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

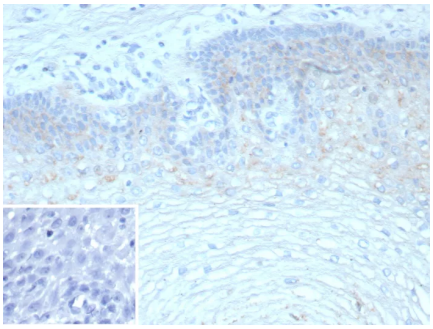
Clone	TRIM29/9257R
Immunogen	Recombinant fragment (around aa4-129) of the human TRIM29 protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	65.83kDa
Cellular Localization	Cytoplasm, Lysosome
Species Reactivity	Human
Positive Control	A431 cells. Human tonsil or squamous cell carcinoma.

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

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



SDS-PAGE Analysis of Purified TRIM29 Recombinant Rabbit Monoclonal Antibody (TRIM29/9257R). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human esophagus stained with TRIM29 Recombinant Rabbit Monoclonal Antibody (TRIM29/9257R). Inset: PBS instead of primary antibody; secondary only negative control.

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 hPKCI-1, an inhibitor of the PKCs. TRIM29 protein contains both zinc finger and leucine zipper motifs, suggesting that the 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 produced in a mammalian-based expression system. 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.

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.