

Mouse TRIM29 Monoclonal Antibody | anti-TRIM29 antibody

TRIM29 (Lung Squamous Cell Carcinoma Marker) Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62746	Mouse	Human.Others not known	Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

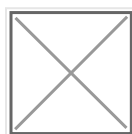
PRODUCT SYNONYMS

TRIM29; Monoclonal Antibody; TRIM29 (Lung Squamous Cell Carcinoma Marker) Mouse Monoclonal Antibody; Ataxia telangiectasia group D complementing gene (ATDC); Tripartite motif-containing protein 29 (TRIM29);; anti-TRIM29 antibody

PRODUCT SPECIFICATIONS

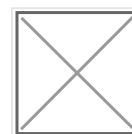
Host	Mouse
Reactivity	Human. Others not known
Clonality	Monoclonal
Isotype	IgG2a, kappa
Clone Number	TRIM29/1041
Specificity	It recognizes a 66kDa protein, which is identified as Tripartite motif-containing protein 29 (TRIM29). It interacts with the intermediate filament protein vimentin, a substrate for the PKC family of protein kinases, and with hPKC ϵ -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.
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 1mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	588
Applicable Applications for anti-TRIM29 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Cellular Localization	Cytoplasmic & Cell Surface
Immunogen	Recombinant fragment (126 Amino acid residues between aa 1-200) of human TRIM29 protein
Hu-Chromosome Location	11q23.3
Positive Control	A431 cells. Tonsil or Squamous cell carcinoma.
Preparation and Storage	Antibody with azide - store at 2 to 8 degree C. Antibody without azide - store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human Lung Squamous Cell Carcinoma stained with TRIM29 Monoclonal Antibody (TRIM29/1041).

ADDITIONAL INFORMATION

References	Kosaka Y, et al. Tripartite motif-containing 29 (TRIM29) is a novel marker for lymph node metastasis in gastric cancer. Ann Surg Oncol. 14(9): 2543-9. 2007. Ring BZ, et al. A novel five-antibody immunohistochemical test for sub-classification of lung carcinoma. Mod Pathol. 22(8): 1032-43. 2009
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17402909
NCBI GeneID	23650
NCBI Accession #	NP_036233.2
NCBI GenBank Nucleotide #	NM_012101.3
UniProt Accession #	Q14134; Q96AA9; Q9BZY7
Molecular Weight	66kDa
NCBI Official Full Name	tripartite motif-containing protein 29
NCBI Official Synonym Full Names	tripartite motif containing 29
NCBI Official Symbol	TRIM29
NCBI Official Synonym Symbols	ATDC
NCBI Protein Information	tripartite motif-containing protein 29
UniProt Protein Name	Tripartite motif-containing protein 29
UniProt Gene Name	TRIM29
UniProt Synonym Gene Names	ATDC
UniProt Entry Name	TRI29_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/trim29-antibody-clone-trim29-1041-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/62746>