Mouse anti TRIM29 (Lung Squamous Cell Carcinoma Marker Monoclonal Antibody

Alternative Name(s): nan

Order Information

- **Description:** TRIM29 (Lung Squamous Cell Carcinoma Marker)
- **Catalogue:** 606-370
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Mouse
- **Clone:** TRIM29
- **Application:** IHC(P)
- **Reactivity:** Hu

ANTIGEN PREPARATION

A recombinant protein of human TRIM29

BACKGROUND

zinc finger motifs and a leucine zipper motif. It has been proposed to form homo- or heterodimers which are involved in nucleic acid binding. TRIM family proteins control important cellular processes such as intracellular signaling in innate immunity and viral infection, transcriptional regulation, development, autophagy, and carcinogenesis. TRIM29 a unique multifunctional protein for DNA damage responses, molecular cancer biomarker, cell adhesion/invasion in tumor cell differentiation and signal regulation for the canonical Wnt pathway. Current study shows thatTRIM29 promotes DNA virus infections by inhibiting innate immune response. Others demonstrate that TRIM29 regulates negatively the host innate immune response to RNA virus, which could be employed by RNA viruses for viral pathogenesis. It was confirmed recently that TRIM29 mediates lung squamous cell carcinoma cell metastasis by regulating autophagic degradation of E-cadherin.

PURIFICATION

The Mouse IgG is purified by Affinity Purification

FORMULATION

This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY

This antibody recognizes human TRIM29 (Lung Squamous Cell Carcinoma Marker). The other species are not tested.

STORAGE

The antibodies are stable for 24 months from date of receipt when stored at –20oC to –70oC. The antibodies can be stored at 2oC-8oC for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

APPLICATIONS/SUGGESTED WORKING DILUTIONS*

- Western Blot: 0.1-1 µg/ml
- ELISA: 0.01-0.1 µg/ml
- Immunoprecipitation: 2-5 µg/ml
- IHC: 2-10 µg/ml
- Flow cytometry: Not tested
- Molecular Weight: 66.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

AbboMax, Inc 2528 Qume Drive, Suite 8, San Jose, California 95131, USA
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*Optimal dilutions should be determined by researchers for the specific applications.

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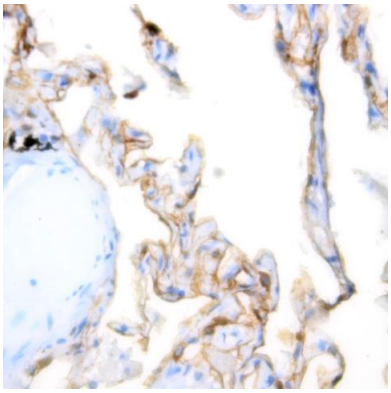
DATA ATTACHMENTS



Immunohistochemistry: Human lung tissue (FFPE) stained with Mouse anti-TRIM29 (Lung Squamous Cell Carcinoma Marker) (Cat# 606-270) at 1:200 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

REFERENCES

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