

Mouse anti-Human NALE Trim29 Monoclonal Antibody | anti-Trim29 antibody

NALE Monoclonal Antibody to Trim29 (Clone: ABM43D2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA14890	Mouse	Human	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

NALE Trim29; Monoclonal Antibody; NALE Monoclonal Antibody to Trim29 (Clone: ABM43D2); TRIM29; ATDC; anti-Trim29 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2b Kappa
Clone Number	ABM43D2
Purity/Purification	Protein G Chromatography
Form/Format	Azide Free, Purified; 25 ug in 50 ul/100 ug in 200 ul PBS containing no Azide and low endotoxin (0.1 EU/1ug).
Applicable Applications for anti-Trim29 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	WB: 1-2 ug/ml IHC: 1 ug/ml
Immunogen	A partial length recombinant Trim29 protein (amino acids 2-291) was used as the immunogen for this antibody.
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



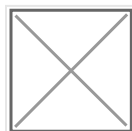
IHC (Immunohistochemistry)

Figure-7: Immunohistochemical analysis of Trim29 in Uterus endometrial carcinoma tissue (20X) using Trim29 antibody (Clone: ABM43D2).



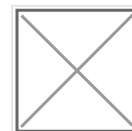
IHC (Immunohistochemistry)

Figure-6: Immunohistochemical analysis of Trim29 in Hepatocellular carcinoma tissue (20X) using Trim29 antibody (Clone: ABM43D2).



IHC (Immunohistochemistry)

Figure-5: Immunohistochemical analysis of Trim29 in Renal cell carcinoma tissue (20X) using Trim29 antibody (Clone: ABM43D2) .



IHC (Immunohistochemistry)

Figure-4: Immunohistochemical analysis of Trim29 in Esophagus squamous cell carcinoma tissue (20X) using Trim29 antibody (Clone: ABM43D2).



IHC (Immunohistochemistry)

Figure-3: Immunohistochemical analysis of Trim29 in human Lungs squamous cell carcinoma tissue (20X) using Trim29 antibody (Clone: ABM43D2).



IHC (Immunohistochemistry)

Fig-2: Immunohistochemical analysis of Trim29 in human lung adenocarcinoma tissue using Trim29 antibody (Clone: ABM43D2) at 1 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-Trim29 antibody	TRIM29 (Tripartite motif-containing 29) is a member of the tripartite motif (TRIM) family of transcription factors, characterized by the conserved RING finger, B-box, and coiled-coil domains. The TRIM family has been implicated in a variety of physiologic processes including development, apoptosis and epithelial-mesenchymal transition (EMT). Depending on a tumor types, TRIM29 also may function as an oncogene or a tumor suppressor. As an oncogene, it facilitates tumor cell proliferation and invasion through stabilization of Beta-catenin. The mechanisms may also involve deactivation of p53 activity and promoting cell survival by inhibiting proapoptotic genes regulated by p53. As a histone binding protein TRIM29 is responsible for DDR (DNA damage response). It functions as a scaffold protein to assemble DNA repair proteins into chromatin followed by efficient activation of DDR. TRIM29 binds to modified histone H3 and H4 tails in the context of nucleosomes. Furthermore, chromatin binding of TRIM29 is required for the phosphorylation of H2AX nucleosomes and cell viability in response to ionizing radiation.
Product Categories/Family for anti-Trim29 antibody	Cancer Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	116242825
NCBI GeneID	23650
UniProt Accession #	Q14134; Q96AA9; Q9BZY7
Molecular Weight	588
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; tripartite motif-containing 29; tripartite motif protein TRIM29; ataxia telangiectasia group D-associated protein; ataxia-telangiectasia group D-associated protein
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/nale-trim29-antibody-clone-abm43d2-immunohistochemistry-western-blot-elisa/14890>