

Mouse anti-Human RASSF1A Monoclonal Antibody | anti-RASSF1A antibody

RASSF1A antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA47980	Mouse	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

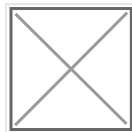
PRODUCT SYNONYMS

RASSF1A; Monoclonal Antibody; RASSF1A antibody; RASSF1 (Ras association (RalGDS/AF-6) domain family 1); 123F2; RDA32; NORE2A; REH3P21; Ras association (RalGDS/AF-6) domain family member 1;; anti-RASSF1A antibody

PRODUCT SPECIFICATIONS

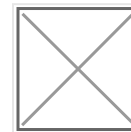
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, k
Clone Number	3F3
Purity/Purification	By protein-G affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	340
Applicable Applications for anti-RASSF1A antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human RASSF1A (1-340aa) purified from E. coli
Clone Note	Anti-human RASSF1A mAb, clone 3F3, is derived from hybridization of mouse SP2/O myeloma cells with spleen cells from BALB/c mice immunized with recombinant RASSF1A.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)

A431 cells were labeled with anti-RASSF1A (clone 3F3) mAb, and detection was using a biotinylated secondary antibody and Texas-red conj streptavidin. ICC/IF analysis of RASSF1A in HeLa cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human RASSF1A antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)

Cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human RASSF1A (1:500). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1. : HeLa cell lysate The Cell lysates (5ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human RASSF1A antibody (1:500). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: 293T cell lysate Lane 2.: RASSF1A Transfected 293T cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-RASSF1A antibody	The tumor suppressor gene RASSF1A (3p21.3), human Ras association domain family 1A, is expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney, pancreas, spleen, thymus, prostate, testis, small intestine, colon, and peripheral blood leukocytes. RASSF1A expression is inhibited by hypermethylation of the CpG island including the promoter and early transcribed regions of the human RASSF1A gene. Hypermethylated RASSF1A promoter is observed in primary tumors. Furthermore, RASSF1A is related with cell cycle regulation, apoptosis and microtubule stability.
Product Categories/Family for anti-RASSF1A antibody	Cancer
References	Agathangelou A, et al., (2005) Cancer Res. 65, 3497-3508; Lerman MI. et. al. (2000) Cancer Res. 60, 6116-6133; Strunnikova M. et al., (2005) Mol Cell Biol. 25, 3923-3933; Dammann R. et al., (2005) Histol Histopathol. 20, 645-663; Rossa W.k, et al., (2007) American Journal of pathology. 170, 941-950

NCBI AND UNIPROT INFORMATION

NCBI GI #	20149588
NCBI GeneID	11186
NCBI Accession #	NP_009113
NCBI GenBank Nucleotide #	NM_007182.4
UniProt Accession #	Q9NS23; O14571; O60539; O60710; Q0VGC6; Q5TZT2; Q9HB04; Q9HB18; Q9NS22; Q9UND4; Q9UND5; B7ZLL1
Molecular Weight	8,656 Da
NCBI Official Full Name	ras association domain-containing protein 1 isoform A
NCBI Official Synonym Full Names	Ras association domain family member 1
NCBI Official Symbol	RASSF1
NCBI Official Synonym Symbols	123F2; RDA32; NORE2A; RASSF1A; REH3P21
NCBI Protein Information	ras association domain-containing protein 1
UniProt Protein Name	Ras association domain-containing protein 1
UniProt Gene Name	RASSF1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/rassf1a-antibody-clone-3f3-flow-cytometry-immunofluorescence-immunocytochemistry-western-blot-elisa/47980>