

Mouse anti-Human R-RAS2 Monoclonal Antibody | anti-R-RAS2 antibody

Anti-R-RAS2 Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128532	Mouse	Human	Immunocytochemistry, ELISA, Western Blot, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

R-RAS2; Monoclonal Antibody; Anti-R-RAS2 Purified; RAS related 2; TC21; RRAS2; anti-R-RAS2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 kappa
Clone Number	EM-50
Specificity	The mouse monoclonal antibody EM-50 recognizes R-Ras2 / TC21 protein (intracellular antigen) and does not react with R-Ras1, H-Ras, K-Ras, and N-Ras.
Purity/Purification	Purified by Protein-A Affinity Chromatography
Form/Format	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	204
Applicable Applications for anti-R-RAS2 antibody	ICC (Immunocytochemistry), ELISA, WB (Western Blot), FCM/FACS (Flow Cytometry)
Immunogen	Human TC21
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-R-RAS2 antibody	R-Ras2 / TC21 is the only member of R-Ras family of small GTPases that shows transforming activities similar to H-Ras, N-Ras, and K-Ras, and it is also structurally similar to them. R-Ras2 seems to play an important role in activating signal transduction pathways that control cell proliferation. Its mutations are associated with the growth of certain tumors, but also overexpression of the wild type form of R-Ras2 has been frequently detected in various carcinomas. Pseudogenes of R-Ras2 gene are found on chromosomes 1 and 2. Alternate splicing results in multiple transcript variants.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	49065833
NCBI GeneID	22800
UniProt Accession #	P62070
NCBI Official Full Name	Ras-related protein R-Ras2
NCBI Official Synonym Full Names	RAS related 2

NCBI Official Symbol	RRAS2
NCBI Official Synonym Symbols	NS12; TC21
NCBI Protein Information	ras-related protein R-Ras2
UniProt Protein Name	Ras-related protein R-Ras2
UniProt Gene Name	RRAS2
UniProt Synonym Gene Names	TC21
UniProt Entry Name	RRAS2_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://www.aaabiotech.com/monoclonal/r-ras2-antibody-clone-em-50-immunocytochemistry-western-blot-flow-cytometry-elisa/128532>