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RRAS2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant RRAS2.
Catalog # AT3728a

Product Information

Application	WB, IHC, IF, E
Primary Accession	P62070
Other Accession	BC013106
Reactivity	Human, Mouse, Rat
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	2D3-4B8
Calculated MW	23400

Additional Information

Gene ID	22800
Other Names	Ras-related protein R-Ras2, Ras-like protein TC21, Teratocarcinoma oncogene, RRAS2, TC21
Target/Specificity	RRAS2 (AAH13106, 1 a.a. ~ 204 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	RRAS2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

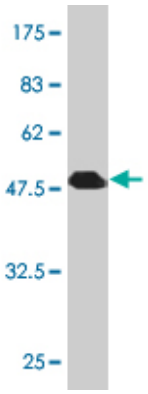
This gene encodes a member of the R-Ras subfamily of Ras-like small GTPases. The encoded protein associates with the plasma membrane and may function as a signal transducer. This protein may play an important role in activating signal transduction pathways that control cell proliferation. Mutations in this gene are associated with the growth of certain tumors. Pseudogenes of this gene are found on chromosomes 1 and 2. Alternate splicing results in multiple transcript variants.

References

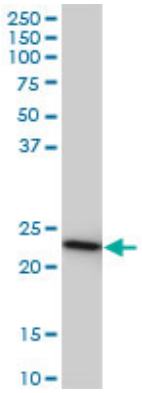
1.In Vivo Regulation of TGF-?] by R-Ras2 Revealed through Loss of the RasGAP Protein NF1.Patmore DM,

Welch S, Fulkerson PC, Wu J, Choi K, Eaves D, Kordich JJ, Collins MH, Cripe TP, Ratner N.Cancer Res. 2012 Oct 15;72(20):5317-27. doi: 10.1158/0008- 5472.CAN-12-1972. Epub 2012 Aug 23.

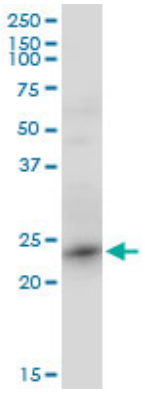
Images



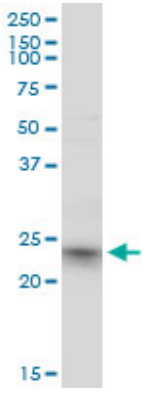
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (48.18 KDa) .



RRAS2 monoclonal antibody (M01), clone 2D3-4B8. Western Blot analysis of RRAS2 expression in HeLa ((Cat # AT3728a)

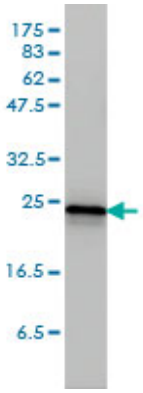


RRAS2 monoclonal antibody (M01), clone 2D3-4B8. Western Blot analysis of RRAS2 expression in PC-12((Cat # AT3728a)

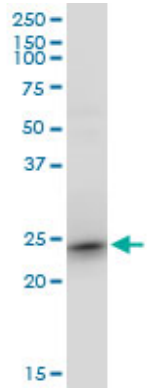


RRAS2 monoclonal antibody (M01), clone 2D3-4B8. Western Blot analysis of RRAS2 expression in Raw 264.7((Cat # AT3728a)

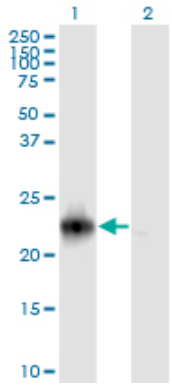
RRAS2 monoclonal antibody (M01), clone 2D3-4B8 Western Blot analysis of RRAS2 expression in A-431 ((Cat



AT3728a)

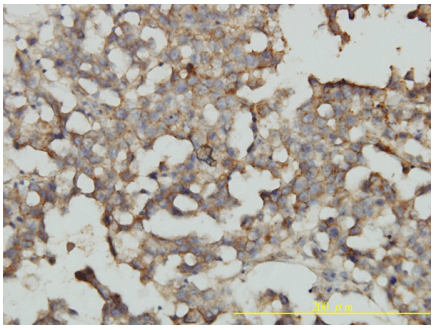


RRAS2 monoclonal antibody (M01), clone 2D3-4B8. Western Blot analysis of RRAS2 expression in NIH/3T3((Cat # AT3728a)

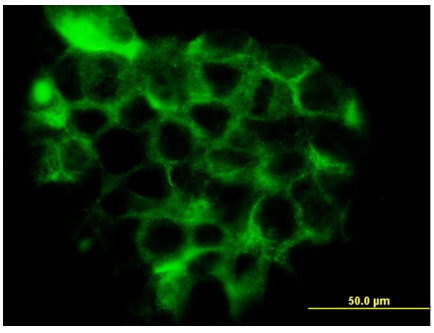


Western Blot analysis of RRAS2 expression in transfected 293T cell line by RRAS2 monoclonal antibody (M01), clone 2D3-4B8.

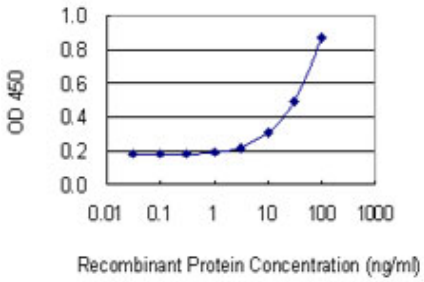
Lane 1: RRAS2 transfected lysate (Predicted MW: 23.4 KDa).
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to RRAS2 on formalin-fixed paraffin-embedded human dysgerminoma tissue. [antibody concentration 5 ug/ml]



Immunofluorescence of monoclonal antibody to RRAS2 on A-431 cell. [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged RRAS2 is 1 ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.