10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

STK33 Antibody (monoclonal) (M09)

Mouse monoclonal antibody raised against a full length recombinant STK33.
Catalog # AT4085a

Product Information

Application	WB, IF, IP
Primary Accession	Q9BYT3
Other Accession	BC031231
Reactivity	Human, Mouse, Rat
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	1F10
Calculated MW	57831

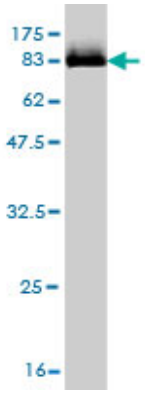
Additional Information

Gene ID	65975
Other Names	Serine/threonine-protein kinase 33, STK33
Target/Specificity	STK33 (AAH31231, 1 a.a. ~ 514 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 IP~~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	STK33 Antibody (monoclonal) (M09) is for research use only and not for use in diagnostic or therapeutic procedures.

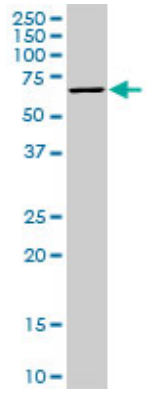
References

1.STK33 Kinase Activity is Non-Essential in KRAS-Dependent Cancer Cells.Babij C, Zhang Y, Kurzeja RJ, Munzli A, Shehabeldin A, Fernando M, Quon K, Kassner PD, Ruefli-Brasse AA, Watson VJ, Fajardo F, Jackson A, Zondlo J, Sun Y, Ellison AR, Plewa CA, San Miguel T, Robinson J, McCarter J, Schwandner R, Judd T, Carnahan J, Dussault I.Cancer Res. 2011 Jul 8. [Epub ahead of print]2.Synthetic lethal interaction between oncogenic KRAS dependency and STK33 suppression in human cancer cells.Scholl C, Frohling S, Dunn IF, Schinzel AC, Barbie DA, Kim SY, Silver SJ, Tamayo P, Wadlow RC, Ramaswamy S, Dohner K, Bullinger L, Sandy P, Boehm JS, Root DE, Jacks T, Hahn WC, Gilliland DG.Cell. 2009 May 29;137(5):821-34.

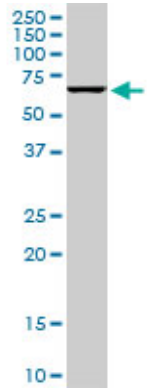
Images



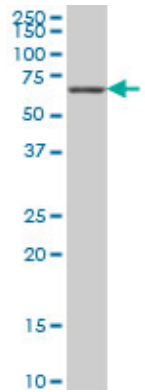
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (82.28 KDa) .



STK33 monoclonal antibody (M09), clone 1F10. Western Blot analysis of STK33 expression in PC-12((Cat # AT4085a)

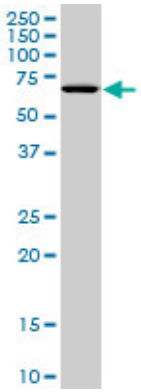


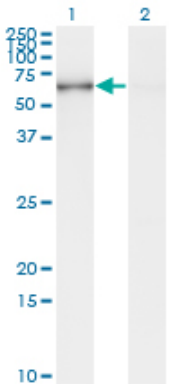
STK33 monoclonal antibody (M09), clone 1F10. Western Blot analysis of STK33 expression in Raw 264.7((Cat # AT4085a)



STK33 monoclonal antibody (M09), clone 1F10 Western Blot analysis of STK33 expression in A-431 ((Cat # AT4085a)

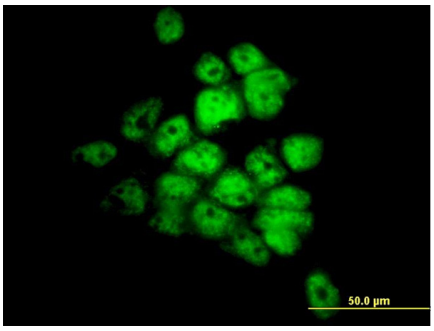
STK33 monoclonal antibody (M09), clone 1F10. Western Blot analysis of STK33 expression in NIH/3T3((Cat # AT4085a)



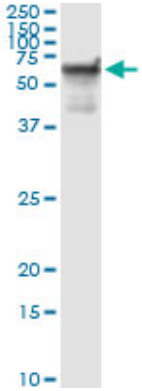


Western Blot analysis of STK33 expression in transfected 293T cell line by STK33 monoclonal antibody (M09), clone 1F10.

Lane 1: STK33 transfected lysate(57.9 KDa).
Lane 2: Non-transfected lysate.



Immunofluorescence of monoclonal antibody to STK33 on A-431 cell. [antibody concentration 10 ug/ml]



Immunoprecipitation of STK33 transfected lysate using anti-STK33 monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with STK33 MaxPab rabbit polyclonal antibody.

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