

STK33 Antibody (monoclonal) (M09)**Mouse monoclonal antibody raised against a full length recombinant STK33.****Catalog # AT4085a****Specification**

STK33 Antibody (monoclonal) (M09) - Product Information

Application	IF, IP, WB
Primary Accession	Q9BYT3
Other Accession	BC031231
Reactivity	Human, Mouse, Rat
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	57831

STK33 Antibody (monoclonal) (M09) - 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

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.

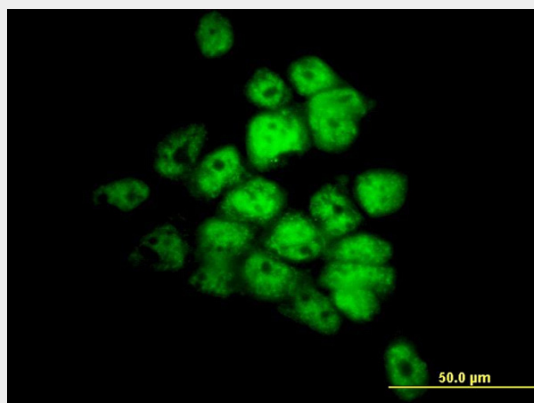
STK33 Antibody (monoclonal) (M09) - Protocols

Provided below are standard protocols that you may find useful for product applications.

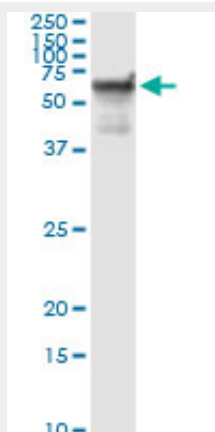
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

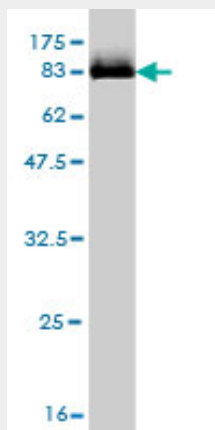
STK33 Antibody (monoclonal) (M09) - Images



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

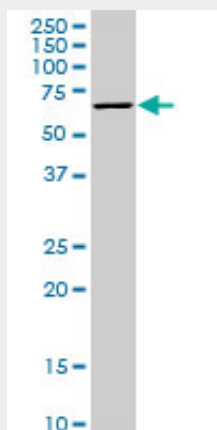


Immunoprecipitation of STK33 transfected lysate using anti-STK33 monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with STK33 MaxPab rabbit polyclonal antibody.

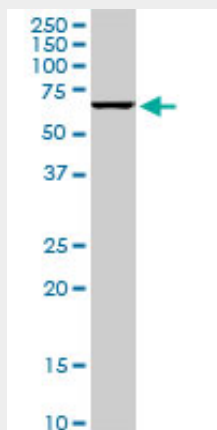


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen

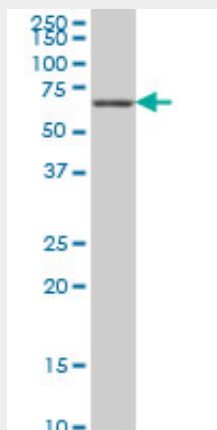
(82.28 KDa) .



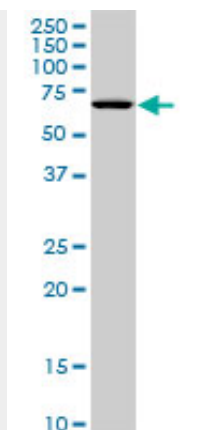
STK33 monoclonal antibody (M09), clone 1F10. Western Blot analysis of STK33 expression in PC-12((Cat # AT4085a)



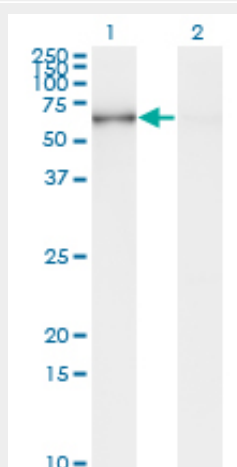
STK33 monoclonal antibody (M09), clone 1F10. Western Blot analysis of STK33 expression in Raw 264.7((Cat # AT4085a)



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.

STK33 Antibody (monoclonal) (M09) - 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.