

STK33 Antibody (monoclonal) (M02)**Mouse monoclonal antibody raised against a full length recombinant STK33.****Catalog # AT4082a****Specification**

STK33 Antibody (monoclonal) (M02) - Product Information

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

STK33 Antibody (monoclonal) (M02) - 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

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

STK33 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

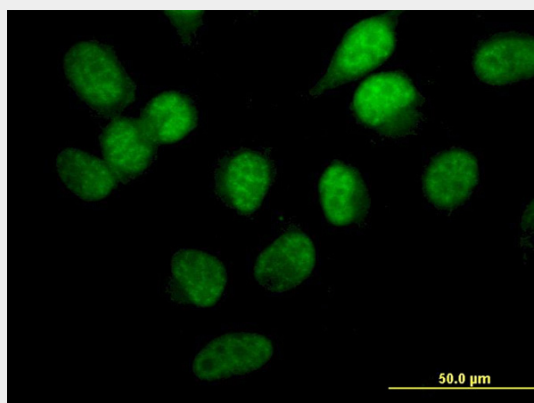
STK33 Antibody (monoclonal) (M02) - Protocols

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

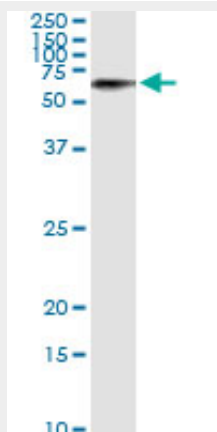
- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

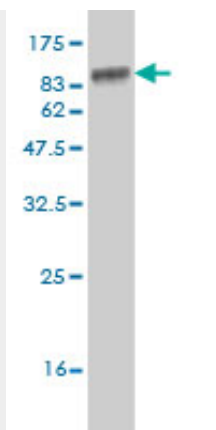
STK33 Antibody (monoclonal) (M02) - Images



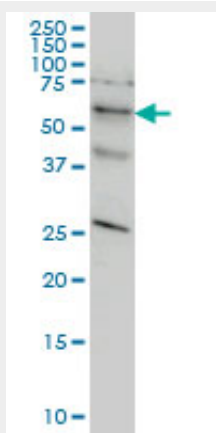
Immunofluorescence of monoclonal antibody to STK33 on HeLa cell. [antibody concentration 25 ug/ml]



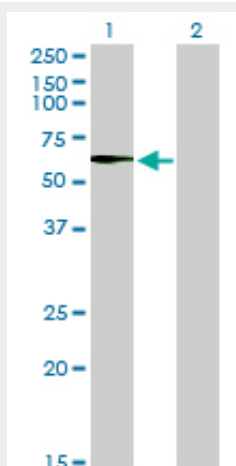
Immunoprecipitation of STK33 transfected lysate using anti-STK33 monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with STK33 MaxPab rabbit polyclonal antibody.



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



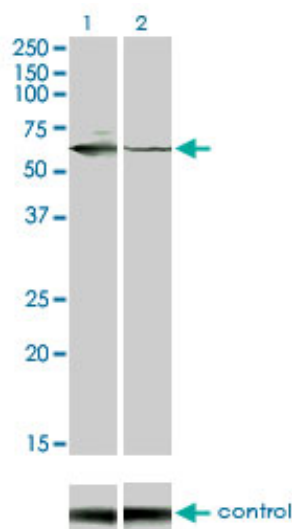
STK33 monoclonal antibody (M02), clone 6G1 Western Blot analysis of STK33 expression in HeLa (Cat # AT4082a)



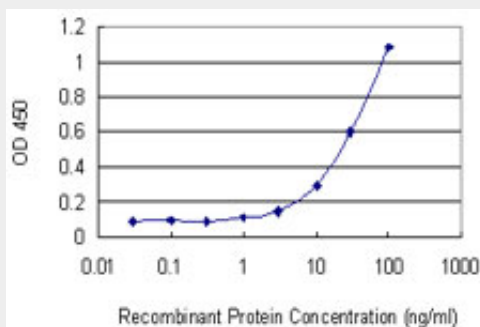
Western Blot analysis of STK33 expression in transfected 293T cell line by STK33 monoclonal antibody (M02), clone 6G1.

Lane 1: STK33 transfected lysate(57.9 KDa).

Lane 2: Non-transfected lysate.



Western blot analysis of STK33 over-expressed 293 cell line, cotransfected with STK33 Validated Chimera RNAi (Cat # AT4082a)



Detection limit for recombinant GST tagged STK33 is 1 ng/ml as a capture antibody.

STK33 Antibody (monoclonal) (M02) - References

1.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.