

STK33 Antibody (monoclonal) (M03)**Mouse monoclonal antibody raised against a full length recombinant STK33.****Catalog # AT4083a****Specification**

STK33 Antibody (monoclonal) (M03) - Product Information

Application	IF, IP, WB
Primary Accession	Q9BYT3
Other Accession	BC031231
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	57831

STK33 Antibody (monoclonal) (M03) - 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) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

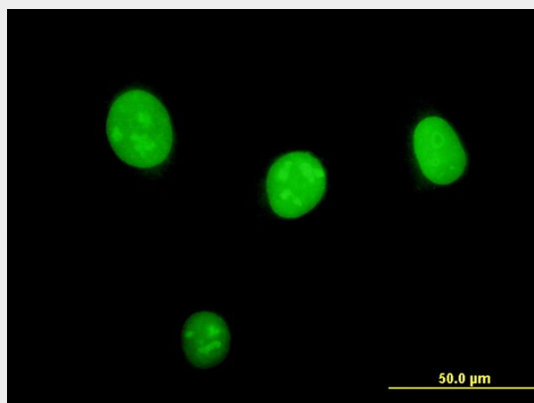
STK33 Antibody (monoclonal) (M03) - Protocols

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

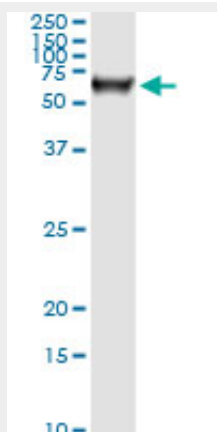
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

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

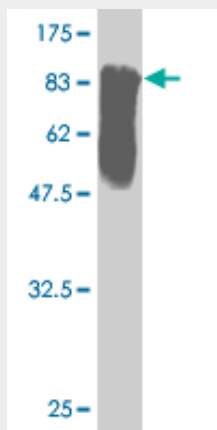
STK33 Antibody (monoclonal) (M03) - Images



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

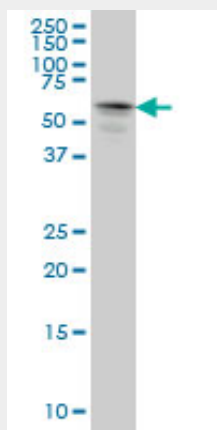


Immunoprecipitation of STK33 transfected lysate using anti-STK33 monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with STK33 MaxPab rabbit polyclonal antibody.

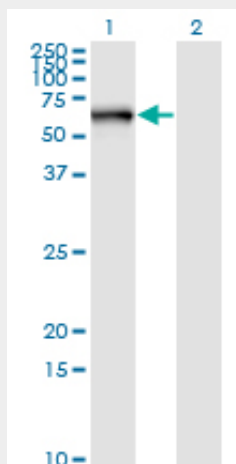


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen

(82.28 KDa) .



STK33 monoclonal antibody (M03), clone 4A12 Western Blot analysis of STK33 expression in HeLa (Cat # AT4083a)



Western Blot analysis of STK33 expression in transfected 293T cell line by STK33 monoclonal antibody (M03), clone 4A12.

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

STK33 Antibody (monoclonal) (M03) - References

Evaluating the discriminative power of multi-trait genetic risk scores for type 2 diabetes in a northern Swedish population. Fontaine-Bisson B, et al. Diabetologia, 2010 Oct. PMID 20571754. Six new loci associated with body mass index highlight a neuronal influence on body weight regulation. Willer CJ, et al. Nat Genet, 2009 Jan. PMID 19079261. Toward a confocal subcellular atlas of the human proteome. Barbe L, et al. Mol Cell Proteomics, 2008 Mar. PMID 18029348. Differential expression pattern of the novel serine/threonine kinase, STK33, in mice and men. Mujica AO, et al. FEBS J, 2005 Oct. PMID 16176263. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.