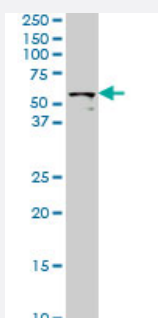


STK33 monoclonal antibody (M06), clone 4F7

Catalog # H00065975-M06

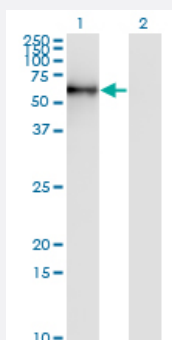
Size 50 ug

Applications



Western Blot (Cell lysate)

STK33 monoclonal antibody (M06), clone 4F7 Western Blot analysis of STK33 expression in Jurkat (Cat # L017V1).

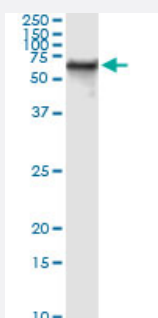


Western Blot (Transfected lysate)

Western Blot analysis of STK33 expression in transfected 293T cell line by STK33 monoclonal antibody (M06), clone 4F7.

Lane 1: STK33 transfected lysate(57.9 KDa).

Lane 2: Non-transfected lysate.

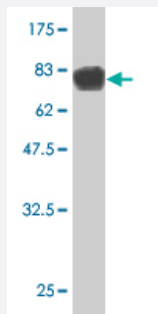
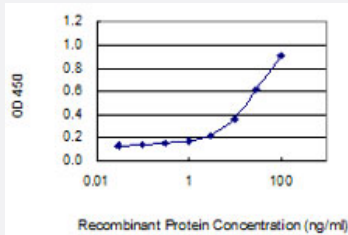


Immunoprecipitation

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

Sandwich ELISA (Recombinant protein)

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



Western Blot detection against Immunogen (82.28 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant STK33.
Immunogen	STK33 (AAH31231, 1 a.a. ~ 514 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MADSGLDKKSTKCPDCSSASQKDVLCVCSSKTRVPPVLVVEMSQTSIGSAESLISLERKKEKNI NRDITSRKDLPSRTSNVERKASQQQWGRGNFTEGKVPHIRIENGAAIEEITYFGRILGKGSFGVIEA TDKETETKWAIAKKVNKEKAGSSAVKLLEREVNILKSVKHEHIIHLEQVFETPKKMYLVMELCEDGE LKEILDRKGHFSENETRWIIQSLASAIAYLHNNDIVHRDLKLENIMVKSSLIDDNNEINLNKVTDFGLA VKKQSRSEAMLQATCGTPIYMAPEVISAHDYQQCDIWSIGVVMYMLLRGEPPFLASSEGLFELI RKGELHFENAVWNSISDCAKSVLKQLMKVDPAHRIKELLDNQWLTGNKLSSVRPTNVLEMMK EWKNNPESVEENTTEEKNKPSTEEKLKSYPWGNVPETNYTSDEEEEEKQSTTYEKQFPATSKD NFDMCSSSFTSSKLLPAEIKGEMEKTPVTPSQGTATKYPKSGALSRTKKKL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (68)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (82.28 KDa) .

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

STK33 monoclonal antibody (M06), clone 4F7 Western Blot analysis of STK33 expression in Jurkat (Cat # L017V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

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Lane 1: STK33 transfected lysate(57.9 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

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

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

Gene Info — STK33

Entrez GeneID[65975](#)**GeneBank Accession#**[BC031231](#)**Protein Accession#**[AAH31231](#)

Gene Name	STK33
Gene Alias	-
Gene Description	serine/threonine kinase 33
Omim ID	607670
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000178934 OTTHUMP00000178935

Publication Reference

- [Targeting of KRAS mutant tumors by HSP90 inhibitors involves degradation of STK33.](#)

Azoitei N, Hoffmann CM, Ellegast JM, Ball CR, Obermayer K, Gößele U, Koch B, Faber K, Genze F, Schrader M, Kestler HA, Döhner H, Chiosis G, Glimm H, Fröhling S, Scholl C.

The Journal of Experimental Medicine 2012 Apr; 209(4):697.

Application: WB-Ce, Human, A-549, Calu-1, NCI-H520, MDA-MB-231, MOLM-14 cells

- [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; 137(5):821.

Application: WB-Ce, WB-Tr, Human, SKM-1 cells

Disease

- [Asthma](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)