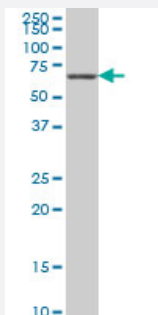


STK33 monoclonal antibody (M09), clone 1F10

Catalog # H00065975-M09

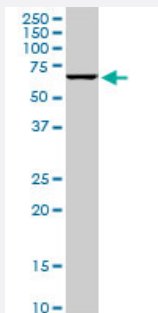
Size 100 ug

Applications



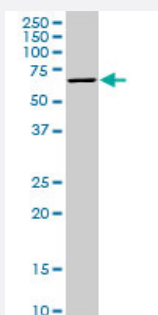
Western Blot (Cell lysate)

STK33 monoclonal antibody (M09), clone 1F10 Western Blot analysis of STK33 expression in A-431 (Cat # L015V1).



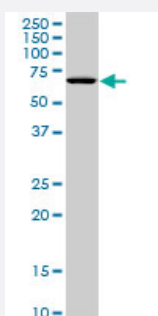
Western Blot (Cell lysate)

STK33 monoclonal antibody (M09), clone 1F10. Western Blot analysis of STK33 expression in Raw 264.7(Cat # L024V1).



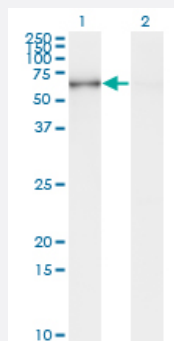
Western Blot (Cell lysate)

STK33 monoclonal antibody (M09), clone 1F10. Western Blot analysis of STK33 expression in PC-12(Cat # L012V1).



Western Blot (Cell lysate)

STK33 monoclonal antibody (M09), clone 1F10. Western Blot analysis of STK33 expression in NIH/3T3(Cat # L018V1).



Western Blot (Transfected lysate)

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

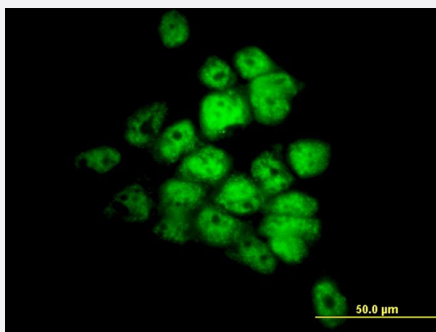
Lane 1: STK33 transfected lysate(57.9 KDa).

Lane 2: Non-transfected lysate.



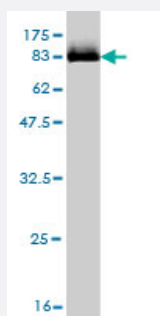
Immunoprecipitation

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



Immunofluorescence

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



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	MADSGLDKKSTKCPDCSSASQKDVLCVCSSKTRVPPVLVVEMSQTSSIGSAESLISLERKKEKNI NRDITSRKDLPSRTSNVERKASQQQWGRGNFTEGKVPHIRIENGAAIEEYTFGRILGKGSFGVIEA TDKETETKWAIKKVNKEKAGSSAVKLLEREVNILKSVKHEHIIHLEQVFETPKKMYLVMELCEDGE LKEILDRKGHFSENETRWIIQSLASAIAYLHNNDIVHRDLKLENIMVKSSLIDDNNEINLNIKVTDFGLA VKKQSRSEAMLQATCGTPYMAPEVISAHDYSQQCDWSIGVVMYMLLRGEPFPLASSEGLFELI RKGELHFENAVWNSISDCAKSVLKQLMKVDPAHRTAKELLDNQWLTGNKLSSVRPTNVLEMMK EWKNNPESVEENTTEEKNKPSTEEKLSYQPWGNVPETNYTSDEEEEKQSTTYEKQFPATSKD NFDMCSSSFTSSKLLPAEIKGEMEKTPVTPSQGTATKYPKSGALSRTKKKL
Host	Mouse
Reactivity	Human, Mouse, Rat
Interspecies Antigen Sequence	Mouse (68)
Isotype	IgG1 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 (M09), clone 1F10 Western Blot analysis of STK33 expression in A-431 (Cat # L015V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

STK33 monoclonal antibody (M09), clone 1F10. Western Blot analysis of STK33 expression in Raw 264.7(Cat # L024V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

STK33 monoclonal antibody (M09), clone 1F10. Western Blot analysis of STK33 expression in PC-12(Cat # L012V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

STK33 monoclonal antibody (M09), clone 1F10. Western Blot analysis of STK33 expression in NIH/3T3(Cat # L018V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

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.

[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](#)

- ELISA

- Immunofluorescence

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

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

- [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; 71:5818.

Application: WB-Tr, Human, NOMO-1, SKM-1, DLD-1 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: IP, WB-Tr, Human, SKM-1 cells

Disease

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