

Product Datasheet

STK33 Antibody (6G1) - Azide and BSA Free H00065975-M02

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00065975-M02

STK33 Antibody (6G1) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6G1
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

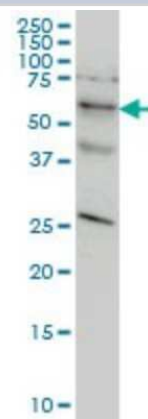
Product Description	
Description	Novus Biologicals Mouse STK33 Antibody (6G1) - Azide and BSA Free (H00065975-M02) is a monoclonal antibody validated for use in WB, ELISA, ICC/IF and IP. Anti-STK33 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	65975
Gene Symbol	STK33
Species	Human
Reactivity Notes	Human. Other species not tested.
Specificity/Sensitivity	STK33 - serine/threonine kinase 33
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. MADSGLDKKSTKPCDCSSASQKDVLCVCSKTRVPPVLVEMSQTS SIGSAES LISLERKKEKNINRDITSRKDLPSRTSNVERKASQQQWGRGNFTEGKVPHIRIE NGAAIEEIYTFGRILGKGSFGIVIEATDKETETKWAIKKVNKEKAGSSAVKLLERE VNILKSVKHEHIIHLEQVFETPKKMYLVMELCEDGELKEILDRKGHFSENETRWII QSLASAIAYLHNNDIVHRDLKLENIMVKSSLIDDNNEINLNIKVTD FGLAVKKQSR SEAMLQATCGTPIYMAPEVISAHDYSSQCDIWSIGVVMYMLLRGEPFPLASSE GKLFELIRKGELHFENAVWNSISDCAKSVLKQLMKVDP AHRITAKELLDNQWLT GNKLSSVRPTNVLEMMKEWKNNPESVEENTTEEKKNPSTEEKLKSYPWGNV PETNYTSDEEEEKQSTTYEKQFPATSKDNFDMCSSSFTSSKLLPAEIKGEMEK TPVTPSQGTATKYPAKSGALSRTKKKL
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Sandwich ELISA, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Sandwich ELISA, Knockdown Validated
Application Notes	Antibody reactive against recombinant protein and cell lysate for Western Blot. Has also been used for immunofluorescence, RNAi validation, and ELISA.

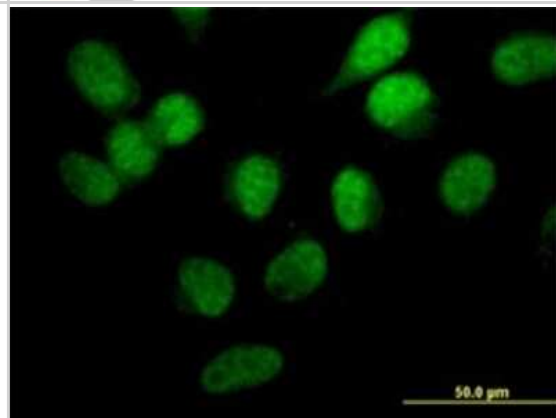


Images

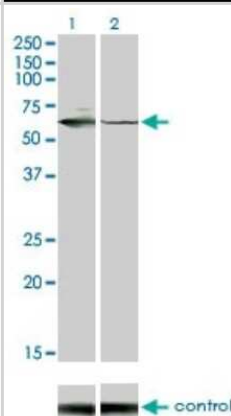
Western Blot: STK33 Antibody (6G1) [H00065975-M02] - STK33 monoclonal antibody (M02), clone 6G1 Analysis of STK33 expression in HeLa.



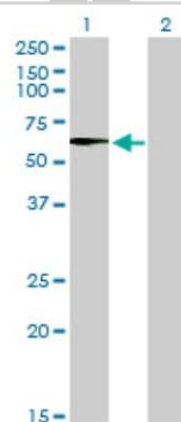
Immunocytochemistry/Immunofluorescence: STK33 Antibody (6G1) [H00065975-M02] - Analysis of monoclonal antibody to STK33 on HeLa cell. Antibody concentration 25 ug/ml.



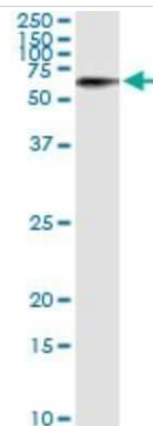
Western Blot: STK33 Antibody (6G1) [H00065975-M02] - Analysis of STK33 over-expressed 293 cell line, cotransfected with STK33 Validated Chimera RNAi (Cat # H00065975-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with STK33 monoclonal antibody (M02) clone 6G1 (Cat # H00065975-M02). GAPDH (36.1 kDa) used as specificity and loading control.



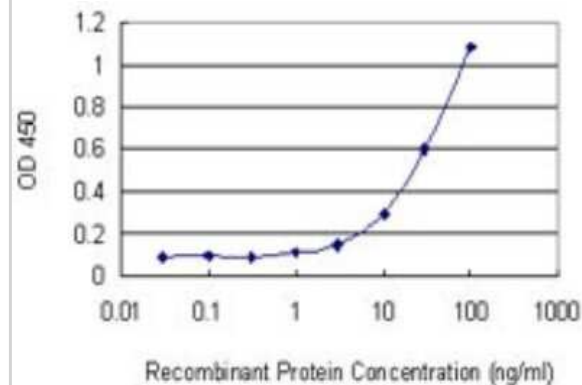
Western Blot: STK33 Antibody (6G1) [H00065975-M02] - Analysis of STK33 expression in transfected 293T cell line by STK33 monoclonal antibody (M02), clone 6G1. Lane 1: STK33 transfected lysate(57.9 KDa). Lane 2: Non-transfected lysate.



Immunoprecipitation: STK33 Antibody (6G1) [H00065975-M02] - Analysis of STK33 transfected lysate using anti-STK33 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with STK33 MaxPab rabbit polyclonal antibody.



Sandwich ELISA: STK33 Antibody (6G1) [H00065975-M02] - Detection limit for recombinant GST tagged STK33 is 1 ng/ml as a capture antibody.



Publications

Scholl C, Frohling S, Dunn IF et al. Synthetic lethal interaction between oncogenic KRAS dependency and STK33 suppression in human cancer cells. *Cell*. 2009-05-29 [PMID: 19490892]



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Products Related to H00065975-M02

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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