



Datasheet for ABIN566310
anti-STK33 antibody (AA 1-514)



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7 Images

1 Publication

Overview

Quantity:	100 µg
Target:	STK33
Binding Specificity:	AA 1-514
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This STK33 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunoprecipitation (IP), RNA Interference (RNAi)

Product Details

Purpose:	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:	MADSGLDKKS TKCPDCSSAS QKDVLCVCSS KTRVPPVLVW EMSQTSSIGS AESLISLERK KEKNINRDIT SRKDLPSRTS NVERKASQQQ WGRGNFTEGK VPHIRIENGA AIEEIYTFGR ILGKGSFGIV IEATDKETET KWAIKKVNKE KAGSSAVKLL EREVNILKSV KHEIIHLEQ VFETPKKMYL VMELCEDGEL KEILDRKGHF SENETRWIIQ SLASAIAYLH NNDIVHRDLK LENIMVKSSL IDDNNEINLN IKVTD FGLAV KKQSRSEAML QATCGTPIYM APEVISAHDY SQQC DIWSIG VVMYMLLRGE PPFLASSEGK LFELIRKGEL HFENAVWNSI SDCAKSVLKQ LMKVDP AHRI TAKELLDN QW LTGNKLSSVR PTNVLEMMKE WKNNPESVEE NTTEEK NKPS TEEKLSYQP WGNVPETNYT SDEEEEKQST TYEQFPATS KDNFDMC SSS FTSSKLLPAE

Product Details

IKGEMEKTPV TPSQGTATKY PAKSGALSRT KKKL

Clone: 6G1

Isotype: IgG1

Cross-Reactivity: Human

Characteristics: Antibody Reactive Against Recombinant Protein.

Target Details

Target: STK33

Alternative Name: STK33 ([STK33 Products](#))

Background: Full Gene Name: serine/threonine kinase 33

Synonyms:

Gene ID: 65975

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: In 1x PBS, pH 7.4

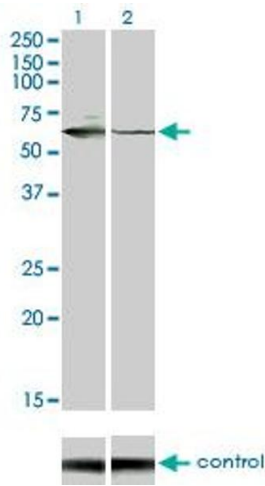
Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

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

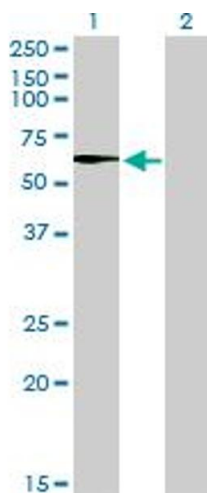
Publications

Product cited in: Scholl, Fröhling, Dunn, Schinzel, Barbie, Kim, Silver, Tamayo, Wadlow, Ramaswamy, Döhner, Bullinger, Sandy, Boehm, Root, Jacks, Hahn, Gilliland: "Synthetic lethal interaction between oncogenic KRAS dependency and STK33 suppression in human cancer cells." in: **Cell**, Vol. 137, Issue 5, pp. 821-34, (2009) ([PubMed](#)).



Western Blotting

Image 1. Western blot analysis of STK33 over-expressed 293 cell line, cotransfected with STK33 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with STK33 monoclonal antibody (M02) clone 6G1. GAPDH (36.1 kDa) used as specificity and loading control.

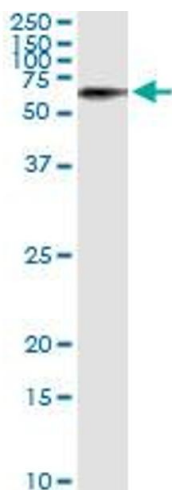


Western Blotting

Image 2. 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.



Immunoprecipitation

Image 3. Immunoprecipitation of STK33 transfected lysate using anti-STK33 monoclonal antibody and Protein A Magnetic Bead , and immunoblotted with STK33 MaxPab rabbit polyclonal antibody.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN566310.