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Datasheet for ABIN566312

anti-STK33 antibody (AA 1-514)

5 Images

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Overview

Quantity:	50 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, Immunoprecipitation (IP)

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 QKDVLVCVCS KTRVPPVLVW EMSQTSSIGS AESLISLERK KEKNINRDIT SRKDLPSRTS NVERKASQQQ WGRGNFTEGK VPHIRIENGA AIEEIYTFGR ILGKGSFGIV IEATDKETET KWAIKKVNKE KAGSSAVKLL EREVNILKSV KHEHIIHLEQ VFETPKKMYL VMELCEDGEL KEILDRKGHF SENETRWIIQ SLASAIAYLH NNDIVHRDLK LENIMVKSSL IDDNNEINLN IKVTDGFLAV KKQSRSEAML QATCGTPIYM APEVISAHDY SQQC DIWSIG VVMYMLLRGE PPFLASSEGK LFELIRKGEL HFENAVWNSI SDCAKSVLKQ LMKVDPAHRI TAKELLDNQW LTGNKLSSVR PTNVLEMMKE WKNNPESVEE NTTEEKNKPS TEEKLKSYQP WGNVPETNYT SDEEEEKQST TYEKQFPATS KDNFDMCSSS FTSSKLLPAE IKGEMEKTPV TPSQGTATKY PAKSGALSRT KKKL

Product Details

Clone:	4F7
Isotype:	IgG2a
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:	Azoitei, Hoffmann, Ellegast, Ball, Obermayer, Gößele, Koch, Faber, Genze, Schrader, Kestler, Döhner, Chiosis, Glimm, Fröhling, Scholl: "Targeting of KRAS mutant tumors by HSP90 inhibitors involves degradation of STK33." in: The Journal of experimental medicine , Vol. 209, Issue 4, pp. 697-711, (2012) (PubMed).
	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,

Images

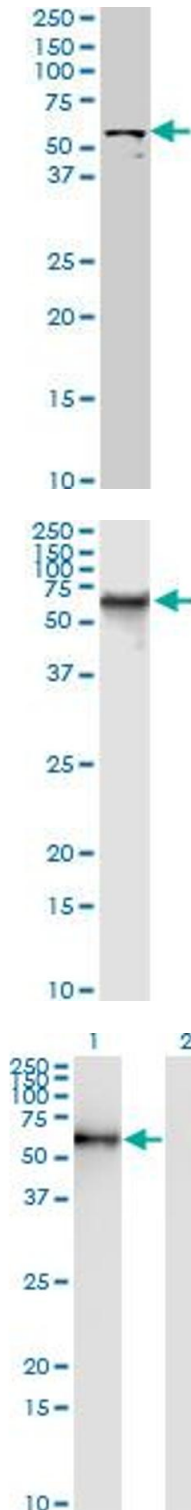
**Western Blotting**

Image 1. STK33 monoclonal antibody (M06), clone 4F7 Western Blot analysis of STK33 expression in Jurkat .

Immunoprecipitation

Image 2. Immunoprecipitation of STK33 transfected lysate using anti-STK33 monoclonal antibody and Protein A Magnetic Bead , and immunoblotted with STK33 MaxPab rabbit polyclonal antibody.

Western Blotting

Image 3. 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.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN566312.