

Datasheet for ABIN566314
anti-STK33 antibody (AA 1-514)



[Go to Product page](#)

8 Images

2 Publications

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) |

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 QKDVLVCVSS 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: | 1F10 |
| Isotype: | IgG1 |
| Cross-Reactivity: | Human, Mouse, Rat |
| 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 |

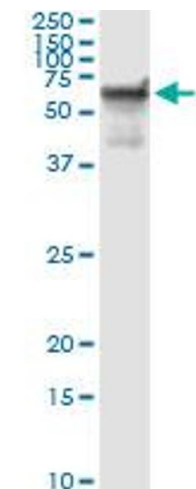
Handling

| | |
|------------------|--|
| 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

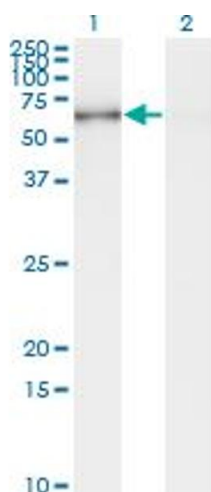
| | |
|-------------------|---|
| Product cited in: | Babij, Zhang, Kurzeja, Munzli, Shehabeldin, Fernando, Quon, Kassner, Ruefli-Brasse, Watson, Fajardo, Jackson, Zondlo, Sun, Ellison, Plewa, San, Robinson, McCarter, Schwandner, Judd, Carnahan, Dussault: "STK33 kinase activity is nonessential in KRAS-dependent cancer cells." in: Cancer research , Vol. 71, Issue 17, pp. 5818-26, (2011) (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



Immunoprecipitation

Image 1. Immunoprecipitation of STK33 transfected lysate using anti-STK33 monoclonal antibody and Protein A Magnetic Bead , and immunoblotted with STK33 MaxPab rabbit polyclonal antibody.

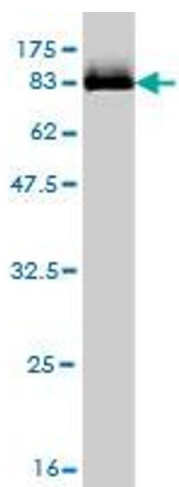


Western Blotting

Image 2. 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.



Western Blotting

Image 3. Western Blot detection against Immunogen (82.28 KDa) .

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN566314.