# Mouse STK33 Monoclonal Antibody | anti-STK33 antibody

STK33 (Serine/Threonine Kinase 33) (AP)

| CATALOG # | HOST | APPLICATIONS |
|---|---|---|
| **AAA25922** | **Mouse** | **ELISA, Immunoprecipitation, Western Blot** |

## PRODUCT SYNONYMS

STK33; Monoclonal Antibody; STK33 (Serine/Threonine Kinase 33) (AP); Serine/Threonine Kinase 33; anti-STK33 antibody

## PRODUCT SPECIFICATIONS

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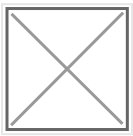
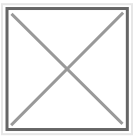
|---|---|
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype** | IgG1,k |
| **Clone Number** | 1F10 |
| **Specificity** | Recognizes STK33. |
| **Purity/Purification** | Purified |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP). |
| **Sequence Length** | 514 |
| **Applicable Applications for anti-STK33 antibody** | ELISA, IP (Immunoprecipitation), WB (Western Blot) |
| **Application Notes** | Applications are based on unconjugated antibody. |
| **Immunogen** | STK33 (AAH31231, 1aa-514aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD. |
| **Immunogen Sequence** | MADSGLDKKSTKCPDCSSASQKDVLCVCSSKTRVPPVLVVEMSQTSSIGSAESLISLERKKEKNINRDITSRKDLPSRTSNVERKASQQQWGRGNFTEGK |
| **Conjugate** | AP |
| **Preparation and Storage** | Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only pri |

## IMAGES



**WB (Western Blot)**
STK33 monoclonal antibody (M09), clone 1F10. Western Blot analysis of STK33 expression in Raw 264.7.



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

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

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

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

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

## ADDITIONAL INFORMATION

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|---|---|
| **Related Product Information for anti-STK33 antibody** | Mouse monoclonal antibody raised against a full length recombinant STK33. |
| **Product Categories/Family for anti-STK33 antibody** | Antibodies; Protein Kinases |
| **References** | 1. 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 8. 2.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 29;137(5):821-34. |

## NCBI AND UNIPROT INFORMATION

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| **NCBI GI #** | 22658392 |
| **NCBI Official Full Name** | Serine/threonine kinase 33 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/stk33-antibody-clone-1f10-immunoprecipitation-western-blot-elisa/25922