
Product Name: KD-Validated STK33 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA00322**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000
Molecular Weight	Calculated MW: 57.8kDa

Antigen Information

Gene Name	STK33
Alternative Names	STK33; Serine/Threonine Kinase 33; Serine/Threonine-Protein Kinase 33; EC 2.7.11.1; EC 2.7.11; SPGF93
Gene ID	65975.0
SwissProt ID	Q9BYT3
Immunogen	Recombinant protein of human STK33

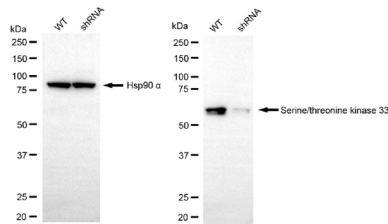
Background

Enables protein serine/threonine kinase activity. Involved in spermatogenesis. Predicted to be located in manchette. Predicted to be active in nucleus. Implicated in colorectal cancer; depressive disorder; and spermatogenic failure 93. [provided by Alliance of Genome Resources, Jul 2025]

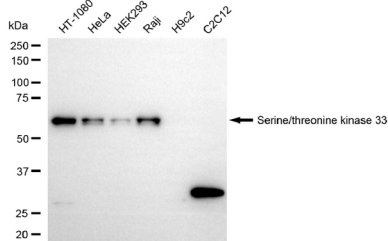
Research Area

Signal Transduction, Neuroscience

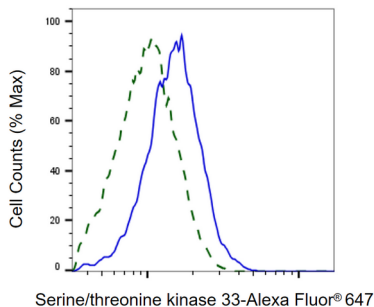
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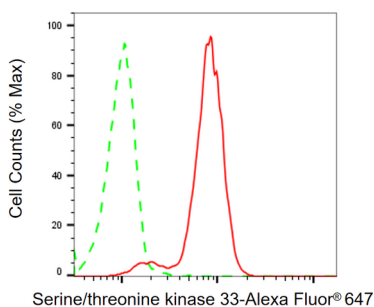
Western blotting analysis using serine/threonine kinase 33 antibody (KVA00322). Serine/threonine kinase 33 expression in wild-type (WT) and serine/threonine kinase 33 (STK33) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with serine/threonine kinase 33 antibody (KVA00322, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using serine/threonine kinase 33 antibody (KVA00322). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with serine/threonine kinase 33 antibody (KVA00322, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Validation of Serine/threonine kinase 33 knockdown using flow cytometry. Wild-type (WT, Blue) and knockdown (KD, Green) HeLa cells were stained with Serine/threonine kinase 33 antibody (KVA00322, 1:2,000) and analyzed using BD flow cytometer.



Flow cytometric analysis of Serine/threonine kinase 33 expression in HT-1080 cells using Serine/threonine kinase 33 antibody (KVA00322, 1:2,000). Green, isotype control; red, Serine/threonine kinase 33.