

STK33 Antibody (clone 3F10)
Mouse Monoclonal Antibody
Catalog # ALS13496**Specification**

STK33 Antibody (clone 3F10) - Product Information

Application	WB, IF, IHC
Primary Accession	Q9BYT3
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	58kDa KDa

STK33 Antibody (clone 3F10) - Additional Information**Gene ID** 65975**Other Names**

Serine/threonine-protein kinase 33, 2.7.11.1, STK33

Reconstitution & Storage

Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions

STK33 Antibody (clone 3F10) is for research use only and not for use in diagnostic or therapeutic procedures.

STK33 Antibody (clone 3F10) - Protein Information**Name** STK33**Function**

Serine/threonine protein kinase which phosphorylates VIME. May play a specific role in the dynamic behavior of the intermediate filament cytoskeleton by phosphorylation of VIME (By similarity). Not essential for the survival of KRAS-dependent AML cell lines.

Cellular Location

Cytoplasm, perinuclear region.

Tissue Location

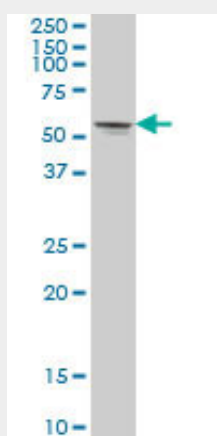
Highly expressed in testis, fetal lung and heart, followed by pituitary gland, kidney, interventricular septum, pancreas, heart, trachea, thyroid gland and uterus. Weak hybridization signals were observed in the following tissues: amygdala, aorta, esophagus, colon ascending, colon transverse, skeletal muscle, spleen, peripheral blood leukocyte, lymph node, bone marrow, placenta, prostate, liver, salivary gland, mammary gland, some tumor cell lines, fetal brain, fetal liver, fetal spleen and fetal thymus. No signal at all was detectable in RNA from tissues of the nervous system

STK33 Antibody (clone 3F10) - Protocols

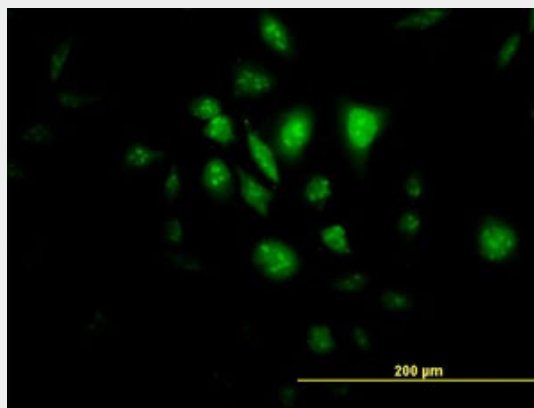
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

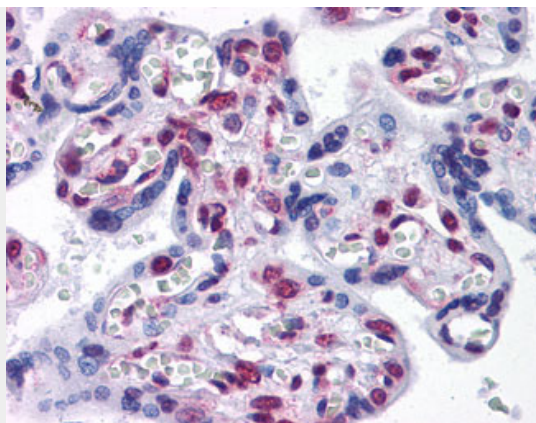
STK33 Antibody (clone 3F10) - Images



STK33 monoclonal antibody, clone 3F10 Western blot of STK33 expression in Jurkat.



Immunofluorescence of monoclonal antibody to STK33 on HeLa cell (antibody concentration 10 ug/ml).



Anti-STK33 antibody IHC of human placenta.

STK33 Antibody (clone 3F10) - Background

Serine/threonine protein kinase which phosphorylates VIME. May play a specific role in the dynamic behavior of the intermediate filament cytoskeleton by phosphorylation of VIME (By similarity). Not essential for the survival of KRAS-dependent AML cell lines.

STK33 Antibody (clone 3F10) - References

- Mujica A.O.,et al.Gene 280:175-181(2001).
- Ota T.,et al.Nat. Genet. 36:40-45(2004).
- Bechtel S.,et al.BMC Genomics 8:399-399(2007).
- Mujica A.O.,et al.FEBS J. 272:4884-4898(2005).
- Daub H.,et al.Mol. Cell 31:438-448(2008).