



Datasheet for ABIN7270224

anti-STK33 antibody



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2 Images

Overview

Quantity:	100 µL
Target:	STK33
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This STK33 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	STK33 Rabbit mAb
Immunogen:	A synthesized peptide derived from human STK33
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	STK33
Alternative Name:	STK33 (STK33 Products)
Background:	Serine/threonine protein kinase which phosphorylates VIME. May play a specific role in the

Target Details

dynamic behavior of the intermediate filament cytoskeleton by phosphorylation of VIME (By similarity. Not essential for the survival of KRAS-dependent AML cell lines.,Kinase,Signal Transduction,STK33

Molecular Weight: 58, 50kDa

Gene ID: 65975

UniProt: [Q9BYT3](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

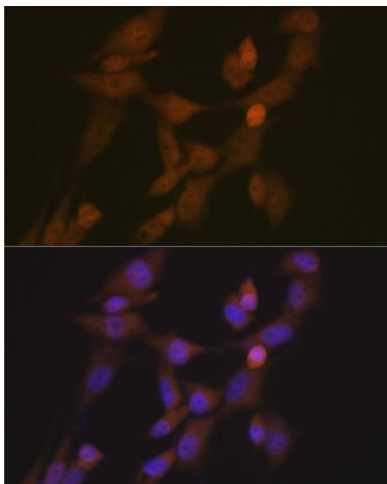
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

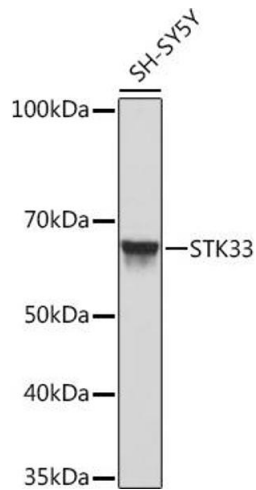
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunofluorescence

Image 1. Immunofluorescence analysis of NIH-3T3 cells using STK33 Rabbit mAb (ABIN7270224) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of SH-SY5Y cells, using STK33 Rabbit mAb (ABIN7270224) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.