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Datasheet for ABIN7270230
anti-STK26/MST4 antibody

1 Image

Overview

Quantity:	100 µL
Target:	STK26/MST4 (MST4)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This STK26/MST4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	MST4 Rabbit mAb
Immunogen:	Recombinant protein of Human MST4.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	STK26/MST4 (MST4)
Alternative Name:	MST4 (MST4 Products)
Background:	The product of this gene is a member of the GCK group III family of kinases, which are a subset

Target Details

of the Ste20-like kinases. The encoded protein contains an amino-terminal kinase domain, and a carboxy-terminal regulatory domain that mediates homodimerization. The protein kinase localizes to the Golgi apparatus and is specifically activated by binding to the Golgi matrix protein GM130. It is also cleaved by caspase-3 in vitro, and may function in the apoptotic pathway. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. ,STK26, MASK, MST4, Signal Transduction, Kinase, Tyrosine kinases, Cell Biology & Developmental Biology, Apoptosis, MST4

Molecular Weight: 37kDa/39kDa/46kDa

Gene ID: 51765

UniProt: [Q9P289](#)

Application Details

Application Notes: WB, 1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

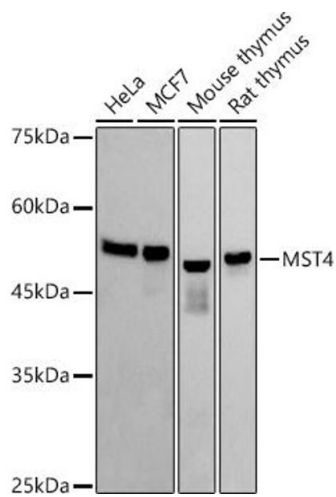
Buffer: PBS with 0.02 % sodium azide, 0.05 % BSA, 50 % glycerol, pH 7.3.

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.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using MST4 antibody (ABIN7270230) 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.