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Datasheet for ABIN7160123  
**anti-MOBKL1A antibody (AA 2-216) (HRP)**

## Overview

Quantity:	100 µg
Target:	MOBKL1A (MOB1B)
Binding Specificity:	AA 2-216
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MOBKL1A antibody is conjugated to HRP
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human MOB kinase activator 1B protein (2-216AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	MOBKL1A (MOB1B)
Alternative Name:	MOB1B ( <a href="#">MOB1B Products</a> )
Background:	Background: Activator of LATS1/2 in the Hippo signaling pathway which plays a pivotal role in organ size control and tumor suppression by restricting proliferation and promoting apoptosis.

## Target Details

The core of this pathway is composed of a kinase cascade wherein STK3/MST2 and STK4/MST1, in complex with its regulatory protein SAV1, phosphorylates and activates LATS1/2 in complex with its regulatory protein MOB1, which in turn phosphorylates and inactivates YAP1 oncoprotein and WWTR1/TAZ. Phosphorylation of YAP1 by LATS1/2 inhibits its translocation into the nucleus to regulate cellular genes important for cell proliferation, cell death, and cell migration. Stimulates the kinase activity of STK38L.

Aliases: MATS 2 antibody, MATS2 antibody, MGC33910 antibody, Mob 1A antibody, Mob 1B antibody, MOB 4A antibody, MOB kinase activator 1B antibody, Mob1 homolog 1A antibody, MOB1 Mps One Binder homolog B antibody, MOB1 Mps one binder kinase activator like 1A antibody, Mob1A antibody, Mob1B antibody, MOBKL 1A antibody, MOBKL1A antibody, MOL1A\_HUMAN antibody, Mps one binder kinase activator like 1A antibody, Mps one binder kinase activator-like 1A antibody, Protein Mob4A antibody

UniProt: [Q7L9L4](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.