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Datasheet for ABIN7160122  
**anti-MOBKL1A antibody (AA 2-216) (FITC)**

## 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 FITC |

## 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:       | <p>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.</p> <p>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</p> |

## Target Details

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

Restrictions: For Research Use only

## Handling

|                    |   |
|--------------------|---|
| Format:            | Liquid  |
| Buffer:            | Preservative: 0.03 % Proclin 300<br>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.   |