

## **Product datasheet for CF501351**

### OriGene Technologies, Inc.

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## MOB4A (MOB1B) Mouse Monoclonal Antibody [Clone ID: OTI1H8]

#### **Product data:**

**Product Type:** Primary Antibodies

Clone Name: OTI1H8
Applications: FC, WB

Recommended Dilution: WB 1:2000, FLOW 1:100

Reactivity: Human, Mouse, Rat

Host: Mouse Isotype: IgG2a

Clonality: Monoclonal

Immunogen: Full length human recombinant protein of human MOBKL1A(NP\_775739) produced in

HEK293T cell.

Formulation: Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)

**Reconstitution Method:** For reconstitution, we recommend adding 100uL distilled water to a final antibody

concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)

**Purification:** Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography

(protein A/G)

Conjugation: Unconjugated

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 24.9 kDa

**Gene Name:** MOB kinase activator 1B

Database Link: NP 775739

Entrez Gene 68473 MouseEntrez Gene 360920 RatEntrez Gene 92597 Human

Q7L9L4

**Background:** The protein encoded by this gene is similar to the yeast Mob1 protein. Yeast Mob1 binds

Mps1p, a protein kinase essential for spindle pole body duplication and mitotic checkpoint

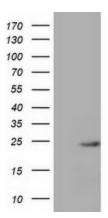
regulation. [provided by RefSeq]. COMPLETENESS: complete on the 3' end.



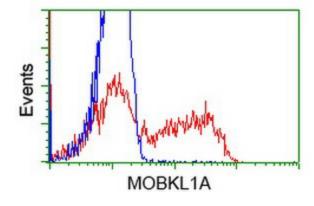


Synonyms: MATS2; MOB4A; MOBKL1A

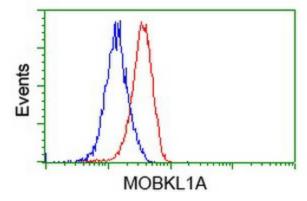
# **Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MOBKL1A ([RC206337], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MOBKL1A. Positive lysates [LY406621] (100ug) and [LC406621] (20ug) can be purchased separately from OriGene.



HEK293T cells transfected with either [RC206337] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-MOBKL1A antibody ([TA501351]), and then analyzed by flow cytometry.



Flow cytometric Analysis of Jurkat cells, using anti-MOBKL1A antibody ([TA501351]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).