

MOB1A/B (PT0421R) PT™ Rabbit mAb

CatalogNo: YM8581 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IF, IP, ELISA

MW

- 24kD (Calculated)
24kD (Observed)

Isotype

- IgG, Kappa

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

Recommended Dilution Ratios

WB 1:2000-1:10000**IF 1:200-1:1000****ELISA 1:5000-1:20000****IP 1:50-1:200**

Basic Information

Clonality Monoclonal**Clone Number** PT0421R

Immunogen Information

Specificity Endogenous

Target Information

Protein Name MOB1

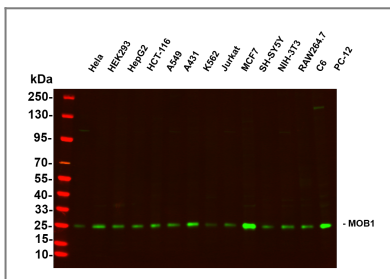
Organism	Gene ID	UniProt ID
Human	55233 ;	Q9H8S9 ; Q7L9L4 ;
Mouse	232157 ;	Q921Y0 ; Q8BPB0 ;
Rat	297387 ;	Q3T1J9 ;

Cellular Localization Cytoplasm, Nucleus

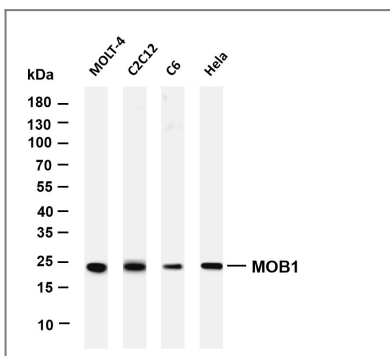
Tissue specificity Adrenal gland, bone marrow, brain, placenta, prostate, salivary gland, skeletal muscle, testis, thymus, thyroid gland, heart, spinal cord, fetal brain and fetal liver.

Function Function:Stimulates the kinase activity of STK38 and STK38L.,PTM:Phosphorylated.,similarity:Belongs to the MOB1/phocein family.,subunit:Binds STK38 and STK38L.,

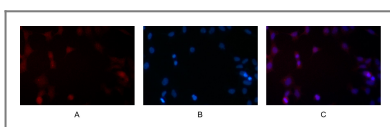
Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the primary antibody was used at 4~C, over night with a 1:5000 dilution . The Dylight 800-conjugated Goat anti-Rabbit antibody(Cat:RS23920) was used to detect the antibody. Lane1: HeLa - Human cervical cancer Lane2: HEK293 - Human normal embryonic kidney Lane3: HepG2 - Human hepatocellular carcinoma Lane4: HCT-116 - Human colon cancer Lane5: A549 - Human lung adenocarcinoma Lane6: A431 - Human skin squamous cell carcinoma Lane7: K562 - Human chronic myeloid leukemia Lane8: Jurkat - Human acute T cell leukemia cells Lane9: MCF7 - Human breast cancer Lane10: SH-SY5Y - Human neuroblastoma cells Lane11: NIH-3T3 - NIH mouse fibroblasts Lane12: RAW264.7 - Mouse mononuclear macrophage leukemia cells Lane13: C6 - Rat glioma cells Lane14: PC-12 - Pheochromocytoma in rats



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-MOB1 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: MOLT-4 Lane 2: C2C12 Lane 3: C6 Lane 4: HeLa Predicted band size: 24kDa Observed band size: 24kDa



Immunofluorescence analysis of HEK293. Picture A: MOB1 antibody (red). Picture B: DAPI (blue). Picture C: Merge of A+B

| Contact information

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