



MOB1(Phospho Thr35) Rabbit mAb

Catalog No	YP-rAb-18310
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Gene Name	
Protein Name	MOB1 (Thr35)
Purification Process	Protein A
Specificity	MOB1 (Phospho Thr35) Antibody detects endogenous levels of MOB1 protein only when phosphorylated at Thr35.The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):EAtLG
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:200-1:1000; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15° C to -25° C/1 year(Do not lower than -25° C)
Synonyms	MOB kinase activator 1A ; Mob1 alpha ; Mob1A ; Mob1 homolog 1B ; Mps one binder kinase activator-like 1B ;
Observed Band	24kD
Calculated Molecular Weight	25kD
Cell Pathway	cytosol,extracellular exosome,
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	Stimulates the kinase activity of STK38 and STK38L.,PTM:Phosphorylated.,similarity:Belongs to the MOB1/phocein family.,subunit:Binds STK38 and STK38L.,





Background

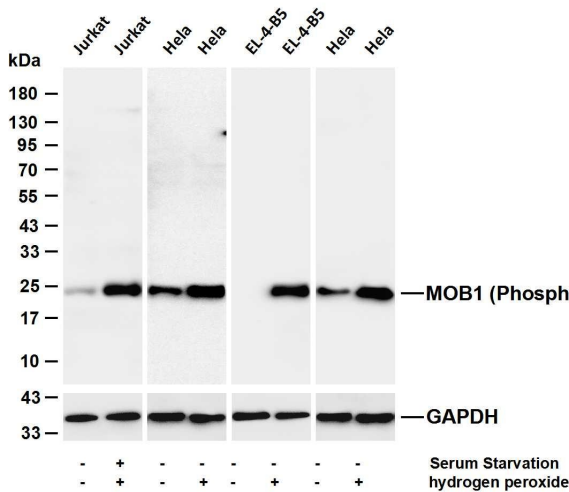
The protein encoded by this gene is a component of the Hippo signaling pathway, which controls organ size and tumor growth by enhancing apoptosis. Loss of the encoded protein results in cell proliferation and cancer formation. The encoded protein is also involved in the control of microtubule stability during cytokinesis. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2015],

matters needing attention

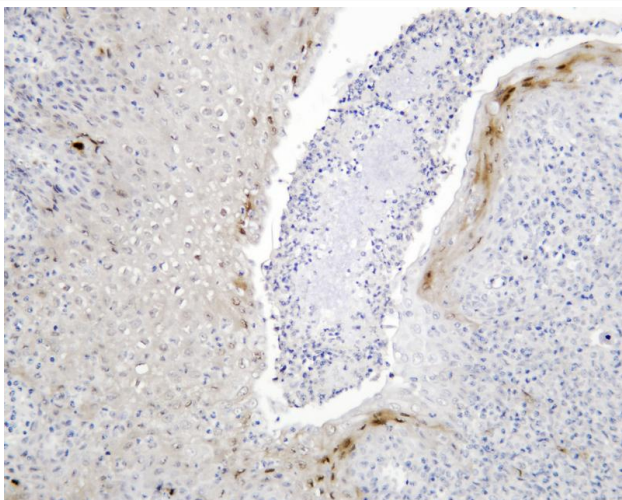
Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-MOB1 (Phospho Thr35) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: Jurkat Lane 2: Jurkat was starved overnight with serum and treated with hydrogen peroxide(2mM) for 2 minutes Lane 3: HeLa Lane 4: HeLa was treated with hydrogen peroxide(150 μ M) for 30 minutes Lane 5: EL-4-B5 Lane 6: EL-4-B5 was treated with hydrogen peroxide(11mM) for 10 minutes Lane 7: HeLa Lane 8: HeLa treated overnight with hydrogen peroxide (150 μ M) Predicted band size: 25kDa Observed band size: 24kDa



Human tonsil was stained with anti-MOB1 (Phospho Thr35) Rabbit antibody

