Mouse MOBKL2B Monoclonal Antibody | anti-MOBKL2B antibody

MOBKL2B antibody

CATALOG #	HOST	APPLICATIONS
AAA106872	**Mouse**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

MOBKL2B; Monoclonal Antibody; MOBKL2B antibody; Monoclonal MOBKL2B; Anti-MOBKL2B; MOB1 Mps One Binder kinase activator-like 2B; MOB3B; FLJ13204; Mob1 homolog 2b; FLJ23916; Protein Mob3B; MOBKLB 2; MOBKLB-2; anti-MOBKL2B antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	6 E3
Purity/Purification	MOBKL2B antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	216
Applicable Applications for anti-MOBKL2B antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	MOBKL2B shares similarity with the yeast Mob1 protein. Yeast Mob1 binds Mps1p, a protein kinase essential for spindle pole body duplication and mitotic checkpoint regulation. This gene is located on the opposite strand as the interferon kappa precursor (IFNK) gene.
Cross-Reactivity	Human
Immunogen	MOBKL2B antibody was raised in mouse using a full length recombinant protein of human MOBKL2B (NP_079037) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant MOBKL2B protein using MOBKL2B antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant MOBKL2B protein (Right) or empty vector (Left) detected with MOBKL2B antibody

FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant MOBKL2B protein (red) or empty vector (blue) stained using MOBKL2B antibody

ADDITIONAL INFORMATION

Related Product Information for anti-MOBKL2B antibody	Mouse monoclonal MOBKL2B antibody
Product Categories/Family for anti-MOBKL2B antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	41350330
NCBI GeneID	79817
NCBI Accession #	NP_079037
NCBI GenBank Nucleotide #	NM_024761.4
UniProt Accession #	Q86TA1; Q8NEB4; Q9H8V4
Molecular Weight	25,464 Da
NCBI Official Full Name	MOB kinase activator 3B
NCBI Official Synonym Full Names	MOB kinase activator 3B
NCBI Official Symbol	MOB3B
NCBI Official Synonym Symbols	MOB1D; C9orf35; MOBKL2B
NCBI Protein Information	MOB kinase activator 3B
UniProt Protein Name	MOB kinase activator 3B
UniProt Gene Name	**MOB3B**
UniProt Synonym Gene Names	MOBKL2B
UniProt Entry Name	MOB3B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/mobkl2b-antibody-clone-6-e3-western-blot-immunofluorescence-flow-cytometry-elisa/106872