

Mouse anti-Human MAPKSP1 Monoclonal Antibody | anti-MAPKSP1 antibody

MAPKSP1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48960	Mouse	Human	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

MAPKSP1; Monoclonal Antibody; MAPKSP1 antibody; anti-MAPKSP1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b, k
Clone Number	AT1F10
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	124
Applicable Applications for anti-MAPKSP1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human MAPKSP1 (1-124aa) purified from E. coli.
Clone Note	Anti-human MAPKSP1 mAb, clone AT1F10, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human MAPKSP1 protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)

ICC/IF analysis of MAPKSP1 in HaLa cells. The cell was stained with ATGA0503 (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).



WB (Western Blot)

The cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human MAPKSP1 antibody (1:500). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: 293T cell lysate Lane 2.: MAPKSP1 transfected 293T cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-MAPKSP1 antibody	MAPKSP1 (Mitogen-activated protein kinase scaffold protein 1) is a scaffold protein that functions in the extracellular signal-regulated kinase (ERK) cascade. The protein is localized to late endosomes by the mitogen-activated protein-binding protein-interacting protein, and binds specifically to MAP kinase kinase MAP2K1/MEK1, MAP kinase MAPK3/ERK1, and MAP kinase MAPK1/ERK2.
Product Categories/Family for anti-MAPKSP1 antibody	Signal Transduction
References	Wunderlich, et al. (2001) J. Cell Biol. (United States) 152 (4): 765-76. Schaeffer HJ, et al. (1998) Science 281 (5383): 1668-71.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11496277
NCBI GeneID	8649
NCBI Accession #	NP_068805
NCBI GenBank Nucleotide #	NM_021970.3
UniProt Accession #	Q9UHA4; Q9H364; B2R4A1; J3KMX4
Molecular Weight	12,941 Da
NCBI Official Full Name	regulator complex protein LAMTOR3 isoform 1
NCBI Official Synonym Full Names	late endosomal/lysosomal adaptor, MAPK and MTOR activator 3
NCBI Official Symbol	LAMTOR3
NCBI Official Synonym Symbols	MP1; MAPBP; MAPKSP1; PRO0633; MAP2K1IP1; Ragulator3
NCBI Protein Information	regulator complex protein LAMTOR3
UniProt Protein Name	Ragulator complex protein LAMTOR3
UniProt Gene Name	LAMTOR3
UniProt Synonym Gene Names	MAP2K1IP1; MAPKSP1; Mp1

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.