

Mouse anti-Human, Mouse MAP2K6 Antibody | anti-MAP2K6 antibody

MAP2K6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108626	Mouse	Human, Mouse	ELISA, Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

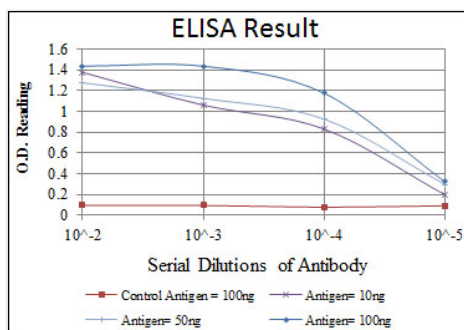
PRODUCT SYNONYMS

MAP2K6; MAP2K6 Antibody; MEK6; MKK6; MAPKK6; PRKMK6; SAPKK3; anti-MAP2K6 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Isotype	IgG1
Clone Number	3H12C8
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	334
Applicable Applications for anti-MAP2K6 antibody	ELISA, FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human MAP2K6 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C.

IMAGES



Application Data

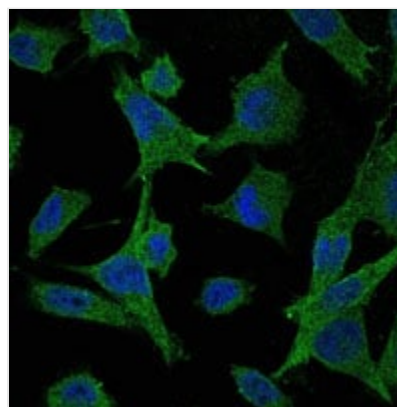
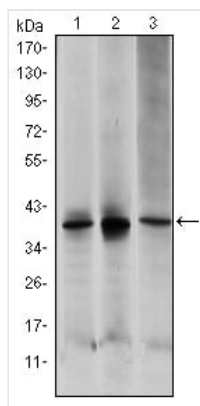

IF (Immunofluorescence)

Figure 2: Immunofluorescence analysis of HeLa cells using MAP2K6 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



WB (Western Blot)

Figure 1: Western blot analysis using MAP2K6 mouse mAb against HepG2 (1), MCF-7 (2) and NIH/3T3 (3) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-MAP2K6 antibody	This gene encodes a member of the dual specificity protein kinase family, which functions as a mitogen-activated protein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This protein phosphorylates and activates p38 MAP kinase in response to inflammatory cytokines or environmental stress. As an essential component of p38 MAP kinase mediated signal transduction pathway, this gene is involved in many cellular processes such as stress induced cell cycle arrest, transcription activation and apoptosis. Tissue specificity: Isoform 2 is only expressed in skeletal muscle. Isoform 1, on the other hand, is found in skeletal muscle, heart, and in lesser extent in liver or pancreas.
Product Categories/Family for anti-MAP2K6 antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	14589900
NCBI GeneID	5608
NCBI Accession #	NP_002749.2
NCBI GenBank Nucleotide #	NM_002758.3
UniProt Accession #	P52564
Molecular Weight	38kDa
NCBI Official Full Name	dual specificity mitogen-activated protein kinase kinase 6 isoform 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase 6
NCBI Official Symbol	MAP2K6
NCBI Official Synonym Symbols	MEK6; MKK6; MAPKK6; PRKMK6; SAPKK3; SAPKK-3
NCBI Protein Information	dual specificity mitogen-activated protein kinase kinase 6
UniProt Protein Name	Dual specificity mitogen-activated protein kinase kinase 6
UniProt Gene Name	MAP2K6
UniProt Synonym Gene Names	MEK6; MKK6; PRKMK6; SKK3; MAP kinase kinase 6; MAPKK 6; MEK 6; SAPK kinase 3; SAPKK-3; SAPKK3

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.