

Product Name: MAP2K6 Mouse Monoclonal Antibody
Catalog #: AMM80949



Summary

Production Name	MAP2K6 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Immunogen

Gene Name	MAP2K6
Alternative Names	MEK6; MKK6; MAPKK6; PRKMK6; SAPKK3; MAP2K6
Gene ID	5608.0
SwissProt ID	P52564.Purified recombinant fragment of human MAP2K6 expressed in E. Coli.

Application

Dilution Ratio	WB:1:500-1:2000,IHC:1:200-1:1000,ELISA:1:10000
Molecular Weight	38kDa

Background

This gene encodes a member of the dual specificity protein kinase family, which functions as a mitogen-activated protein

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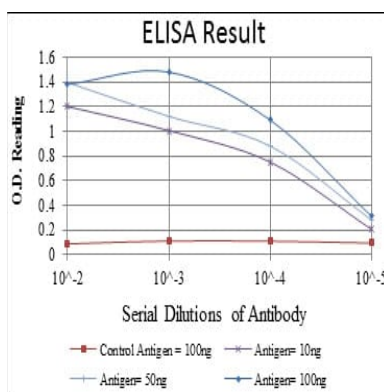


(MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This protein phosphorylates and activates p38 MAP kinase in response to inflammatory cytokines or environmental stress. As an essential component 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.

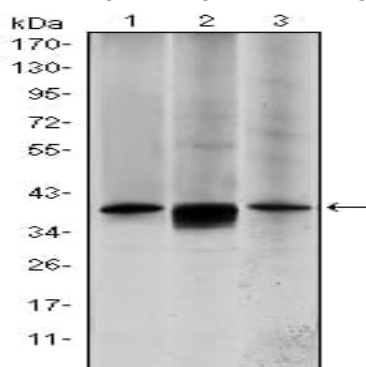
Research Area

Apoptosis, TGF-beta signaling pathway, MAPK signaling pathway, Jak-STAT signaling pathway

Image Data

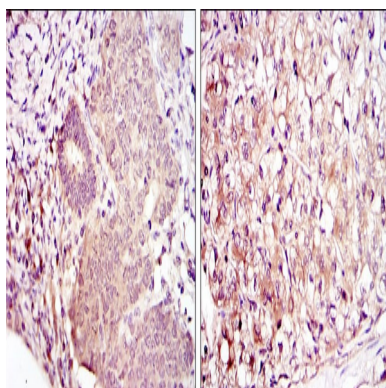


Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



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

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Immunohistochemical analysis of paraffin-embedded human ovarian cancer (left) and kidney cancer (right) using MAP2K6 mouse mAb with DAB staining.

Note

For research use only.