

Product Name: MAP2K6 (8A11) Mouse Monoclonal Antibody
Catalog #: AMM03703

Summary

Production Name	MAP2K6 (8A11) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IP
Reactivity	Human,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	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	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

Gene Name	MAP2K6
Alternative Names	MAP2K6; MEK6; MKK6; PRKMK6; SKK3; Dual specificity mitogen-activated protein kinase kinase 6; MAP kinase kinase 6; MAPKK 6; MAPK/ERK kinase 6; MEK 6; Stress-activated protein kinase kinase 3; SAPK kinase 3; SAPKK-3; SAPKK3
Gene ID	5608
SwissProt ID	P52564.

Application

Dilution Ratio	WB: 1:500-1:1000 IP: 1:20
Molecular Weight	Calculated MW: 37 kDa; Observed MW: 40 kDa

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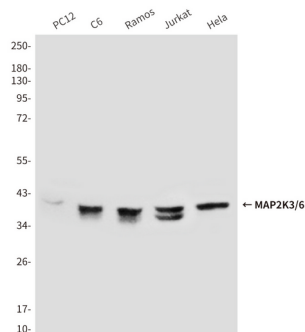
Background

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.

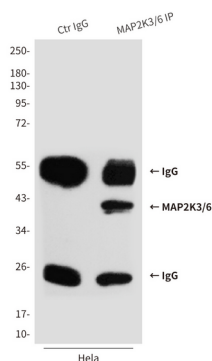
Research Area

Signal Transduction

Image Data



Western blot analysis of MAP2K6 (8A11) in PC-12, C6, Ramos, Jurkat and Hela lysates using MKK3/6 antibody.



Immunoprecipitation analysis of MAP2K6 (8A11) in Hela lysates using MKK3/6 antibody.

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Note

For research use only.