

MAP2K6 (8A11) monoclonal antibody

Catalog: MB3092

Host: Mouse

Reactivity: Human, Rat

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.

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Molecular Weight:

Calculated MW: 37 kDa; Observed MW: 40 kDa

Swiss-Prot:

P52564

Purification&Purity:

Affinity Purified

Applications:

WB: 1/500-1/1000 IP: 1/20

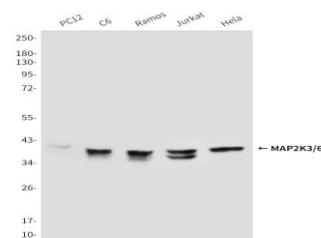
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

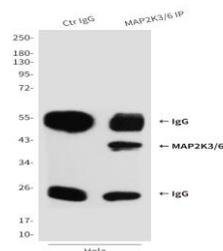
Isotype:

IgG1

DATA:

Western blot analysis of MAP2K6 in PC-12, C6, Ramos, Jurkat and HeLa lysates using MKK3/6 antibody.

Immunoprecipitation analysis of MAP2K6 in HeLa lysates using MKK3/6 antibody.

**Note:**

For research use only, not for use in diagnostic procedure.

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