

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## MAP2K6 (8A11) MOUSE MAB

Cat.#: N261158

**Product Name:** Anti-MAP2K6 (8A11) Mouse Monoclonal Antibody **Synonyms:** MAP2K6; MEK6; MKK6; PRKMK6; SKK3; Dual specificity mitogenactivated 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

UNIPROT ID: P52564

**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.

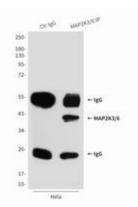
**Immunogen:** Purified recombinant human MKK6 protein fragments expressed in E.coli.

Applications: WB,IP Recommended Dilutions: WB: 1/500-1/1000 IP: 1/20 Host Species: Mouse Clonality: Mouse Monoclonal Clone ID: 8A11-G11-G11 MW: Calculated MW: 37 kDa; Observed MW: 40 kDa Isotype: IgG1 Purification: Affinity Purified Species Reactivity: Human,Rat Conjugation: Unconjugated Modification: Unmodified Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide Research Areas: Signal Transduction Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

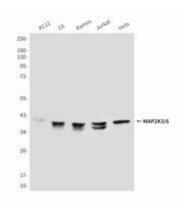


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Immunoprecipitation analysis of MAP2K6 (8A11) in Hela lysates using MKK3/6 antibody.



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