

Mouse Monoclonal Antibody to MAP2K6

Catalogue Number	sAP-0517
Target Molecule	<p>Name: MAP2K6</p> <p>Aliases: MEK6; MKK6; MAPKK6; PRKMK6; SAPKK3; MAP2K6</p> <p>MW: 38kDa</p> <p>Entrez Gene ID: 5608</p>
Description	<p>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 .</p>
Immunogen	Purified recombinant fragment of human MAP2K6 expressed in E. Coli.
Reactive Species	Human; Mouse
Clone	MM3H12C8;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. J Mol Med. 2008 Apr;86(4):485-90. ; 2. Blood. 2007 Jan 1;109(1):185-93.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**