

Mouse Monoclonal Antibody to MAPK3

Catalogue Number	sAP-0611
Target Molecule	Name: MAPK3 Aliases: ERK1; PRKM3; P44ERK1; P44MAPK; HS44KDAP; HUMKER1A; MGC20180 MW: 44kDa Entrez Gene ID: 5595
Description	The protein encoded by this gene is a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act in a signaling cascade that regulates various cellular processes such as proliferation, differentiation, and cell cycle progression in response to a variety of extracellular signals. This kinase is activated by upstream kinases, resulting in its translocation to the nucleus where it phosphorylates nuclear targets. Alternatively spliced transcript variants encoding different protein isoforms have been described.
Immunogen	Purified recombinant fragment of human MAPK3 expressed in E. Coli. ;
Recitative Species	Human; Mouse; Rat; Monkey
Clone	MM1E5;
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; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Mol Cell. 2009 Nov 13;36(3):477-86. ; 2. PLoS One. 2009 Oct 22;4(10):e7541. ;

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**