

Mouse Monoclonal Antibody to MAP3K7

Catalogue Number	sAP-1107
Target Molecule	<p>Name: MAP3K7</p> <p>Aliases: TAK1; MEKK7; TGF1a</p> <p>MW: 67.2kDa</p> <p>Entrez Gene ID: 6885</p>
Description	The protein encoded by this gene is a member of the serine/threonine protein kinase family. This kinase mediates the signaling transduction induced by TGF beta and morphogenetic protein (BMP), and controls a variety of cell functions including transcription regulation and apoptosis. In response to IL-1, this protein forms a kinase complex including TRAF6, MAP3K7P1/TAB1 and MAP3K7P2/TAB2; this complex is required for the activation of nuclear factor kappa B. This kinase can also activate MAPK8/JNK, MAP2K4/MKK4, and thus plays a role in the cell response to environmental stresses. Four alternatively spliced transcript variants encoding distinct isoforms have been reported.;
Immunogen	Purified recombinant fragment of human MAP3K7 (AA: 471-579) expressed in E. Coli.
Reactive Species	Human;
Clone	MM3E8H4;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide and 0.5% protein stabilizer
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, 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: ; ICC: ; FCM:
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	Asian Pac J Cancer Prev. 2013;14(1):315-20. ; Blood. 2012 Jul 12;120(2):347-55.;

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**