

## Mouse Monoclonal Antibody to MAPK10

<b>Catalogue Number</b>	sAP-1373
<b>Target Molecule</b>	<p><b>Name: MAPK10</b></p> <p><b>Aliases:</b> JNK3; JNK3A; PRKM10; SAPK1b; p493F12; p54bSAPK</p> <p><b>MW: 52.6kDa</b></p> <p><b>Entrez Gene ID: 5602</b></p>
<b>Description</b>	<p>The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as integration points for multiple biochemical signals and are involved in a wide variety of cellular processes, such as proliferation, differentiation, transcription regulation and development. This kinase is specifically expressed in a subset of neurons in the nervous system and is activated by threonine and tyrosine phosphorylation. Targeted deletion of this gene in mice suggests that it may have a role in stress-induced neuronal apoptosis. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. A recent study provided evidence for translational readthrough in this gene and expression of an additional C-terminally extended isoform via the use of an alternative in-frame translation termination codon.;</p>
<b>Immunogen</b>	Purified recombinant fragment of human MAPK10 (AA: 180-329) expressed in E. Coli.
<b>Recitative Species</b>	Human; Rat;
<b>Clone</b>	MM2B10H12;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: ; ICC: ; FCM:
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.J Diabetes Res. 2014;2014:814854. ; 2.Pathol Int. 2011 Jan;61(1):52-4.;

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**