

Mouse Monoclonal Antibody to ERK3

Catalogue Number	sAP-0545
Target Molecule	<p>Name: ERK3</p> <p>Aliases: ERK3; PRKM6; p97MAPK; HsT17250; DKFZp686F03189; MAPK6</p> <p>MW: 105kDa</p> <p>Entrez Gene ID: 5597</p>
Description	<p>The protein encoded by this gene is a member of the Ser/Thr protein kinase family, and is most closely related to mitogen-activated protein kinases (MAP kinases). MAP kinases also known as extracellular signal-regulated kinases (ERKs), are activated through protein phosphorylation cascades and act as integration points for multiple biochemical signals. This kinase is localized in the nucleus, and has been reported to be activated in fibroblasts upon treatment with serum or phorbol esters. (provided by RefSeq) Tissue specificity: Highest expression in the skeletal muscle, followed by the brain. Also found in heart, placenta, lung, liver, pancreas, kidney and skin fibroblasts</p>
Immunogen	Purified recombinant fragment of human ERK3 expressed in E. Coli. ;
Recitative Species	Human
Clone	MM4E8;
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; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. J Cell Physiol. 2008 Dec;217(3):778-88. ; 2. Proc Natl Acad Sci U S A. 2009 Sep 29;106(39):16710-5.

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**