



ERK3 Mouse Monoclonal Antibody

E10-30194

Background: 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

Catalog Number: E10-30194
Amount: 100µg/100µl
Clone Number: 4E8
Species: Mouse IgG1
MW: 105kDa
Aliases: ERK3; PRKM6; p97MAPK; HsT17250; DKFZp686F03189; MAPK6
Entrez Gene: 5597
Immunogen: Purified recombinant fragment of human ERK3 expressed in E. Coli.
Storage: Store at 4°C, for long term storage, store at -20°C.
Formulation: Ascitic fluid containing 0.03% sodium azide.
Species Reactivities: Human
Tested Applications: WB, FC, ELISA. Not yet tested in other applications.
Application notes: WB: 1/500 - 1/2000, FC: 1/200-1/400, ELISA: Propose dilution 1/10000.

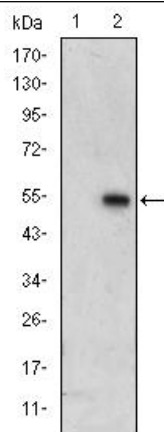


Figure 1: Western blot analysis using ERK3 mAb against HEK293 (1) and ERK3-hlgGfc transfected HEK293 (2) cell lysate.

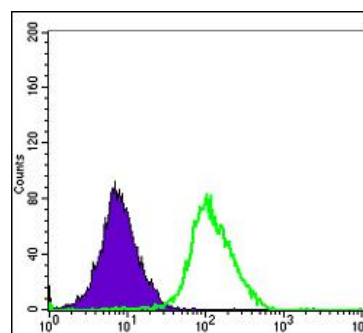
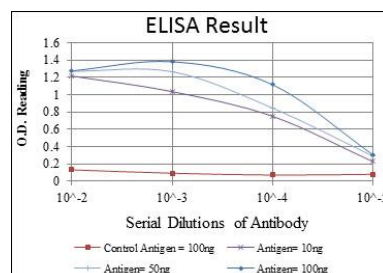


Figure 2: Flow cytometric analysis of Hela cells using ERK3 mouse mAb (green) and negative control (purple).



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