Mouse ERK1/2 Monoclonal Antibody | anti-ERK1/2 antibody

ERK1/2 antibody

CATALOG #	HOST	APPLICATIONS
AAA106334	**Mouse**	**Western Blot, Flow Cytometry, Functional Assay, ELISA**

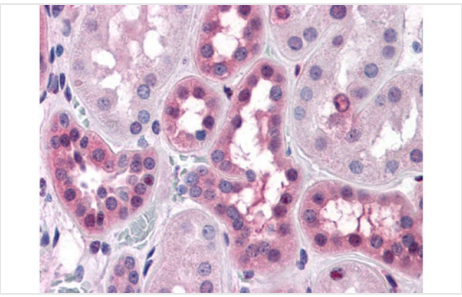
PRODUCT SYNONYMS

ERK1/2; Monoclonal Antibody; ERK1/2 antibody; Monoclonal ERK 1/2; Anti-ERK 1/2; ERK 1/2; ERK 1 and 2; ERK 1 2; Extracellular signal-regulated kinases 1/2; ERK-1/2; anti-ERK1/2 antibody

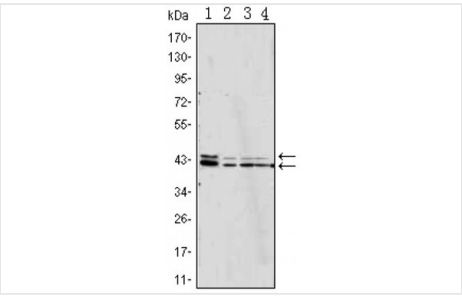
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	3F8
Form/Format	Supplied as a liquid in ascitic fluid containing 0.03% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	363
Applicable Applications for anti-ERK1/2 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), ELISA
Biological Significance	The ERKs (MAPK p42/p44) are the prototypic MAPKs and are activated by a variety of mitogenic stimuli as well as differentiation signals. MAPK activation largely requires Ras activation. In Drosophila, the ERK homologue is encoded by the Rolled locus (an activated allele) which has been placed downstream of Ras in the sevenless receptor kinase pathway.
Cross-Reactivity	Human, Mouse
Immunogen	ERK 1/2 antibody was raised in Mouse using a purified recombinant fragment of human MAPK1 expressed in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human Liver tissues using anti-BHMT antibody



WB (Western Blot)
Western Blot showing p44/42 MAPK antibody used against Jurkat (1), Hela (2), A431 (3) and NIH/3T3 (4) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-ERK1/2 antibody	Mouse monoclonal ERK 1/2 antibody
Product Categories/Family for anti-ERK1/2 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	332650262
Molecular Weight	41,910 Da
NCBI Official Full Name	Erk1/2
UniProt Protein Name	Mitogen-activated protein kinase
UniProt Gene Name	**Erk1/2**
UniProt Entry Name	G3GC05_BEMTA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/erk1-2-antibody-clone-3f8-western-blot-flow-cytometry-elisa/106334