

Mouse ERK1 Monoclonal Antibody | anti-ERK1 antibody

Anti-ERK1 (E32) Signal Transduction Monoclonal Antibody

CATALOG # AAA74308	HOST Mouse	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

ERK1; Monoclonal Antibody; Anti-ERK1 (E32) Signal Transduction Monoclonal Antibody; Anti-ERK1; anti-ERK1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	E32
Specificity	Recognizes only the ERK1 protein (e.g.: from human and mouse cells)
Purity/Purification	Protein A affinity chromatography from mouse ascites fluid
Form/Format	Liquid; 1 mg/ml in 10 mM PBS, pH 7.2, with 0.05% NaN ₃
Sequence Length	422
Applicable Applications for anti-ERK1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Recombinant full length ERK1 protein
Cross Reactivity	WB: ERK1 from human and mouse cells. IP: ERK1 from human cells. ERK1 from other species may also be detectable
Preparation and Storage	Store at -20°C for 2 years or more. Centrifuge after first thaw to maximize product recovery. Aliquot to avoid repeated freeze-thaw cycles. Store aliquots at 4°C for several days to weeks.

IMAGES



Application Data

Fig. LEFT: 1:1,000 (1ug/mL) Ab dilution used in WB of HEK293 cell lysate; 5ug (1), 10ug (2), and 30ug (3) of cell lysate used; RIGHT: IP of anti-ERK1 (1uL) using HeLa cell lysate; 10ug (1), 25ug (2), and 50ug (3) of cell lysate used

ADDITIONAL INFORMATION

Product Categories/Family for anti-ERK1 antibody	Signal Transduction mAbs
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NCBI AND UNIPROT INFORMATION

NCBI GI #	353558908
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NCBI GeneID	3642743
NCBI Official Full Name	Extracellular signal-regulated kinase 1
NCBI Official Symbol	ERK1
NCBI Protein Information	MAP kinase-like orf; aka CEK1; one of two protein kinase genes similar to S. cerevisiae MAP kinases FUS3 (YBL016W) and KSS1 (YGR040W) involved in pheromone signal transduction; likely protein kinase

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-antibody-clone-e32-immunoprecipitation-western-blot-elisa/74308>