

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

ERK1/2 mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62479	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunoprecipitation, Immunocytochemistry, Western Blot

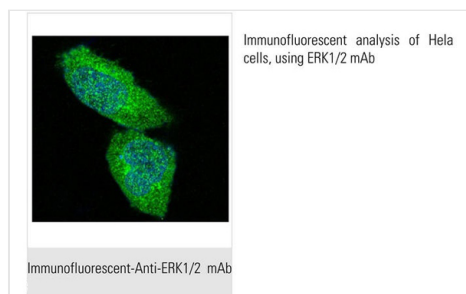
PRODUCT SYNONYMS

ERK1/2; Monoclonal Antibody; ERK1/2 mAb; MAP kinase 3; MAPK 3; ERT2; ERK-1; MAP kinase 1; MAPK 1; ERT1; ERK-2; anti-ERK1/2 antibody

PRODUCT SPECIFICATIONS

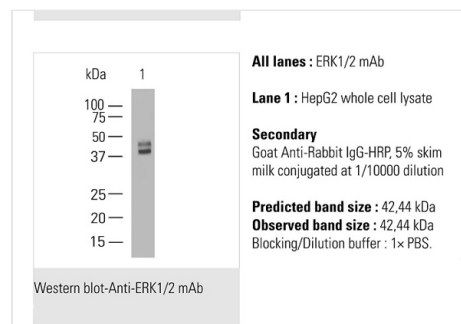
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Form/Format	In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	357
Applicable Applications for anti-ERK1/2 antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), ICC (Immunocytochemistry), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing animals with a polypeptide corresponding to ERK1/2 protein.
Preparation and Storage	Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze / thaw cycle.

IMAGES



IF (Immunofluorescence)

Immunofluorescent-Anti-ERK1/2 mAb(AAA62479)



WB (Western Blot)

Western blot-Anti-ERK1/2 mAb(AAA62479)

ADDITIONAL INFORMATION

Related Product Information for anti-ERK1/2 antibody	In molecular biology, extracellular signal -regulated kinases (ERKs) or classical MAP kinases are widely expressed protein kinase intracellular signalling molecules that are involved in functions including the regulation of meiosis, mitosis, and postmitotic functions in differentiated cells. Many different stimuli, including growth factors, cytokines, virus infection, ligands for heterotrimeric G protein-coupled receptors, transforming agents, and carcinogens, activate the ERK pathway. The term,"extracellular signal -regulated kinases", is sometimes used as a synonym for mitogen-activated protein kinase (MAPK).
Product Categories/Family for anti-ERK1/2 antibody	Signaling; Apoptosis; Signaling pathways

NCBI AND UNIPROT INFORMATION

NCBI GI #	91718897
NCBI GeneID	5595
NCBI Accession #	NP_001035145.1
NCBI GenBank Nucleotide #	NM_001040056.2
UniProt Accession #	P27361; Q8NHX1; A8CZ58; B0LPG3
Molecular Weight	42; 44kDa
NCBI Official Full Name	mitogen-activated protein kinase 3 isoform 2
NCBI Official Synonym Full Names	mitogen-activated protein kinase 3
NCBI Official Symbol	MAPK3
NCBI Official Synonym Symbols	ERK1; ERT2; ERK-1; PRKM3; P44ERK1; P44MAPK; HS44KDAP; HUMKER1A; p44-ERK1; p44-MAPK
NCBI Protein Information	mitogen-activated protein kinase 3
UniProt Protein Name	Mitogen-activated protein kinase 3
UniProt Gene Name	MAPK3
UniProt Synonym Gene Names	ERK1; PRKM3; MAP kinase 3; MAPK 3; ERK-1; p44-MAPK

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-flow-cytometry-immunoprecipitation-immunocytochemistry-western-blot-elisa/62479>