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

Anti-ERK1/2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265603	**Rabbit**	**Human, Mouse, Rat**	**Immunoprecipitation, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

ERK1/2; Monoclonal Antibody; Anti-ERK1/2 Antibody; anti-ERK1/2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of ERK1/2 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 50mM Tris-Glycine (pH7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA.
Applicable Applications for anti-ERK1/2 antibody	IP (Immunoprecipitation), IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human ERK2
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent analysis of ERK1/2 staining in K562 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.

WB (Western Blot)
Western blot analysis of ERK1/2 expression in K562 (A), rat brain (B), C6 (C), NIH3T3 (D), Hela (E) whole cell lysates. (Predicted band size: 44,42 kD; Observed band size: 44,42 kD

ADDITIONAL INFORMATION

Related Product Information for anti-ERK1/2 antibody	Rabbit monoclonal antibody to ERK1/2
Product Categories/Family for anti-ERK1/2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	91718897
NCBI GeneID	5595

NCBI Accession #	NP_001035145.1
NCBI GenBank Nucleotide #	NM_001040056.2
UniProt Accession #	P27361; Q63844; P63085; P21708; P63086; P28482
Molecular Weight	43,136 Da
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; MAPK 1; MAP kinase isoform p44; insulin-stimulated MAP2 kinase; extracellular signal-related kinase 1; extracellular signal-regulated kinase 1; microtubule-associated protein 2 kinase
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
UniProt Entry Name	MK03_HUMAN

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-immunoprecipitation-immunochemistry-immunofluorescence-western-blot-elisa/265603