

Rabbit ERK1 Monoclonal Antibody | anti-ERK1 antibody

ERK1 Antibody

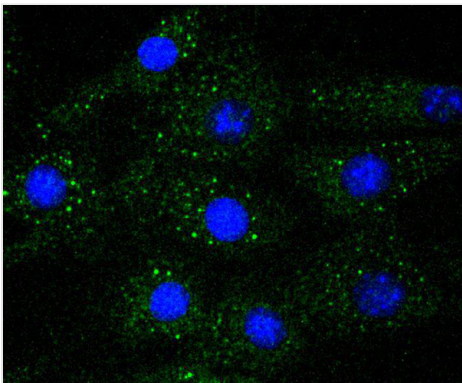
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30015	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

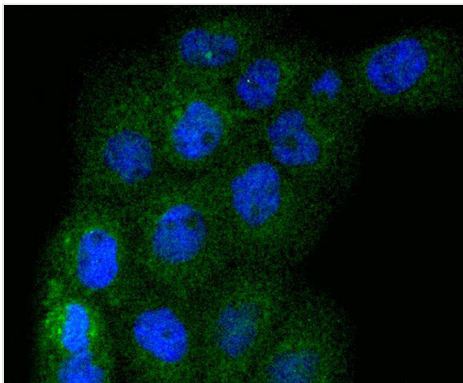
ERK1; Monoclonal Antibody; ERK1 Antibody; ERK 1 antibody; ERK antibody; ERK-1 antibody; ERK1 antibody; ERT 2 antibody; ERT2 antibody; Extracellular Signal Regulated Kinase 1 antibody; Extracellular signal related kinase 1 antibody; Extracellular signal-regulated kinase 1 antibody; HGNC6877 antibody; HS44KDAP antibody; HUMKER1A antibody; Insulin Stimulated MAP2 Kinase antibody; Insulin-stimulated MAP2 kinase antibody; MAP kinase 1 antibody; MAP kinase 3 antibody; MAP Kinase antibody; MAP kinase isoform p44 antibody; MAPK 1 antibody; MAPK 3 antibody; MAPK antibody; MAPK1 antibody; Mapk3 antibody; MGC20180 antibody; Microtubule Associated Protein 2 Kinase antibody; Microtubule-associated protein 2 kinase antibody; Mitogen Activated Protein Kinase 3 antibody; Mitogen-activated protein kinase 1 antibody; Mitogen-activated protein kinase 3 antibody; MK03_HUMAN antibody; OTTHUMP00000174538 antibody; OTTHUMP00000174541 antibody; p44 ERK1 antibody; p44 MAPK antibody; p44-ERK1 antibody; p44-MAPK antibody; P44ERK1 antibody; P44MAPK antibody; PRKM 3 antibody; PRKM3 antibody; Protein Kinase Mitogen Activated 3 antibody; anti-ERK1 antibody

PRODUCT SPECIFICATIONS

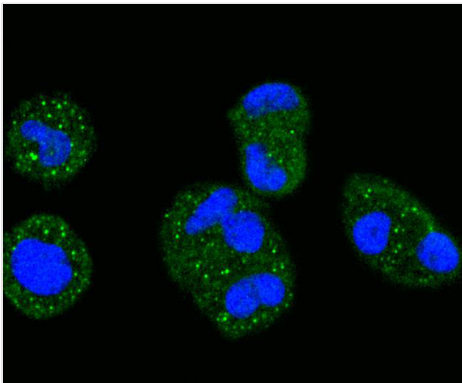
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SP05-09
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-ERK1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry)
Application Notes	WB: 1:1000-1:2000 IHC: 1:50-1:200 ICC: 1:50-1:200
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.



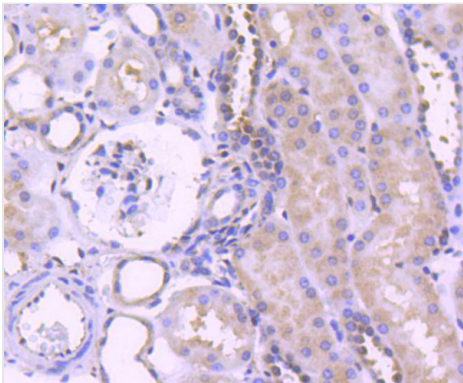
ICC (Immunocytochemistry)
ICC staining ERK1 in NIH/3T3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



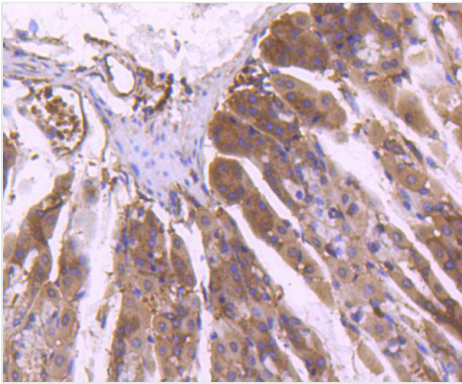
ICC (Immunocytochemistry)
ICC staining ERK1 in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



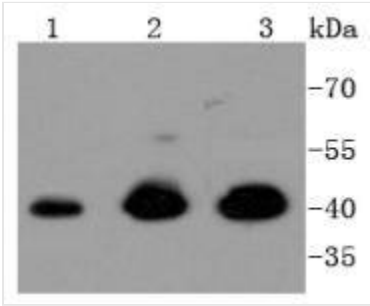
ICC (Immunocytochemistry)
ICC staining ERK1 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-ERK1 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded mouse stomach tissue using anti-ERK1 antibody. Counter stained with hematoxylin.



WB (Western Blot)
Western blot analysis of ERK1 on different lysates using anti-ERK1 antibody at 1/1, 000 dilution. Positive control: Lane 1: HeLa Lane 2: Jurkat Lane 3: K562

ADDITIONAL INFORMATION

Related Product Information for anti-ERK1 antibody	ERK 1 antibody ERK antibody ERK-1 antibody ERK1 antibody ERT 2 antibody ERT2 antibody Extracellular Signal Regulated Kinase 1 antibody Extracellular signal related kinase 1 antibody Extracellular signal-regulated kinase 1 antibody HGNC6877 antibody HS44KDAP antibody HUMKER1A antibody Insulin Stimulated MAP2 Kinase antibody Insulin-stimulated MAP2 kinase antibody MAP kinase 1 antibody MAP kinase 3 antibody MAP Kinase antibody MAP kinase isoform p44 antibody MAPK 1 antibody MAPK 3 antibody MAPK antibody MAPK1 antibody Mapk3 antibody MGC20180 antibody Microtubule Associated Protein 2 Kinase antibody Microtubule-associated protein 2 kinase antibody Mitogen Activated Protein Kinase 3 antibody Mitogen-activated protein kinase 1 antibody Mitogen-activated protein kinase 3 antibody MK03_HUMAN antibody OTTHUMP00000174538 antibody OTTHUMP00000174541 antibody p44 ERK1 antibody p44 MAPK antibody p44-ERK1 antibody p44-MAPK antibody P44ERK1 antibody P44MAPK antibody PRKM 3 antibody PRKM3 antibody Protein Kinase Mitogen Activated 3 antibody
Product Categories/Family for anti-ERK1 antibody	Total protein Ab

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	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.