

ERK1 Rabbit mAb

Catalog No: #58576



Package Size: #58576-1 50ul #58576-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	ERK1 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB;IHC;ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	ERK1 Antibody detects endogenous levels of total ERK1
Conjugates	Unconjugated
Other Names	MAPK 1; MAPK3; MK03; MNK1; ERK-1; ERK1; ERT2; MAP kinase 1; P44-ERK1;
Accession No.	P27361
Calculated MW	43 kDa
SDS-PAGE MW	44 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

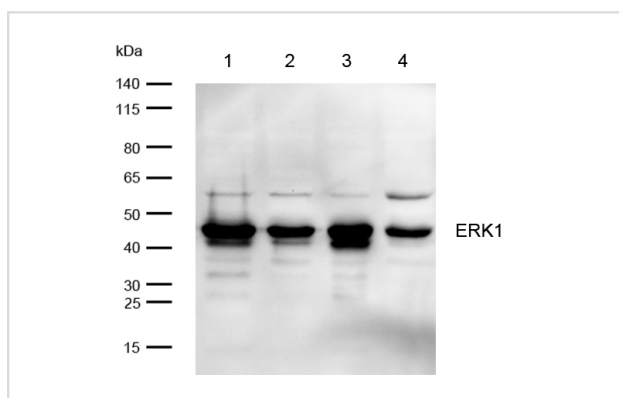
Application Details

WB: 1:500-1:2000

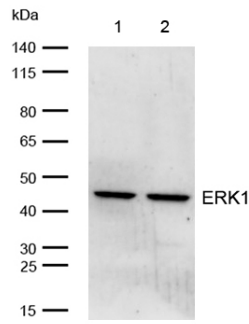
IHC: 1:50-1:200

ICC/IF: 1:50-1:200

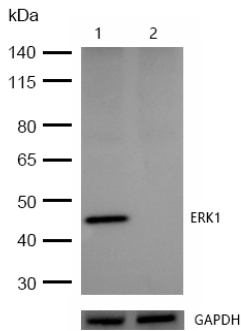
Images



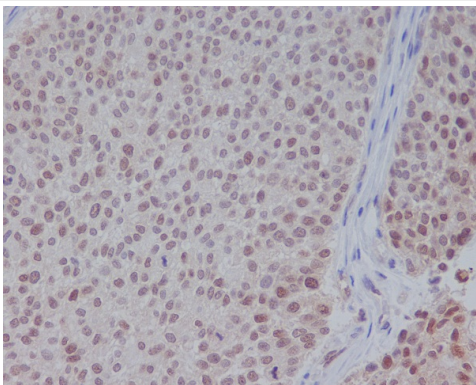
All lanes: ERK1 Rabbit mAb at 1/1k dilution
 Lane 1 : JK whole cell lysates
 Lane 2 : HepG2 whole cell lysates
 Lane 3 : MCF-7 whole cell lysates
 Lane 4 : SH-SY5Y whole cell lysates
 Lysates/proteins at 20 µg per lane.
 Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution
 Predicted band size: 43 kDa
 Observed band size: 44 kDa
 Exposure time: 3 seconds



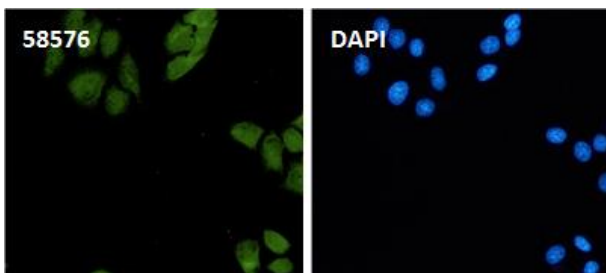
All lanes: ERK1 Rabbit mAb at 1/1k dilution
 Lane 1 : Mouse brain lysates
 Lane 2 : Rat brain lysates
 Lysates/proteins at 20 µg per lane.
 Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution
 Predicted band size: 43 kDa
 Observed band size: 44 kDa
 Exposure time: 6 seconds



All lanes :ERK1 Rabbit mAb at 1/1k dilution
 Lane 1 : Wild-type HAP1 cell lysate
 Lane 2 : ERK1 knockdown HAP1 cell lysate
 Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human bladder tissue stained for ERK1 using 58576 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence ERK1 antibody (58576)
 ICC/IF staining of ERK1 in Hela cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 58576 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei were counterstained with DAPI.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.