Product Datasheet

ERK5 Rabbit mAb

Catalog No: #59112

Package Size: #59112-1 50ul #59112-2 100ul

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

Description

Product Name	ERK5 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB ICC/IF IP FC
Species Reactivity	Human Mouse Rat
Specificity	ERK5 Antibody detects endogenous levels of ERK5
Immunogen Description	A synthesized peptide derived from human ERK5
Other Names	Big MAP kinase 1; BMK 1; BMK 1 kinase; BMK-1; BMK1; BMK1 Kinase; ERK 4; ERK 5; ERK-5; ERK4; ERK5; MAP kinase 7; MAPK 7; Mitogen Activated Protein Kinase;
Accession No.	Uniprot:Q13164
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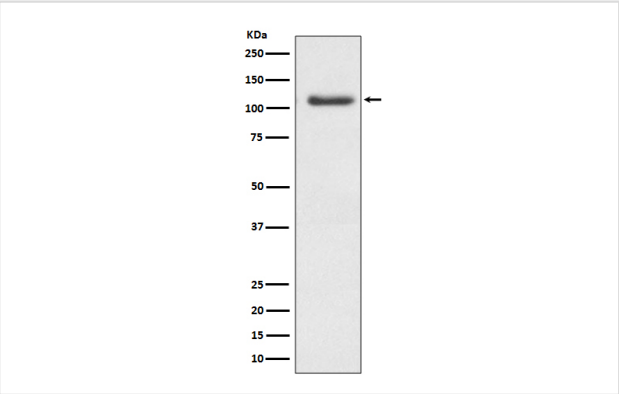
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB 1:1000~1:2000 ICC/IF 1:50~1:200 IP 1:50 FC 1:50

Images



Western blot analysis of ERK5 expression in Hela cell lysate.

Product Description

Erk5 (Mitogen-activated protein kinase 7, Big mitogen-activated protein kinase 1) is a member of the MAPK superfamily implicated in the regulation numerous cellular processes including proliferation, differentiation, and survival. In neuronal cells, Erk5 is required for NGF-induced neurite outgrowth, neuronal homeostasis, and survival. Erk5 is thought to play a role in blood vessel integrity via maintenance of endothelial cell migration and barrier function.

Background

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Note: This product is for in vitro research use only