

Product Datasheet

ERK5 Antibody

Catalog No: CY5868

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB ICC/IF IP FC



www.abways.com

Information

UniProt ID: Q13164

All Names: Big MAP kinase 1; BMK 1; BMK 1 kinase; BMK-1; BMK1; BMK1 Kinase; ERK 4; ERK 5; ERK-5; ERK4; ERK5; Extracellular Signal Regulated Kinase 5; MAP kinase 7; MAPK 7; Mitogen Activated Protein Kinase;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 115 kDa

Application

WB 1:1000~1:2000

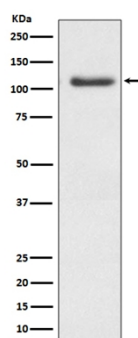
ICC/IF 1:50~1:200

IP 1:50

FC 1:50

Background

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.



Western blot analysis of ERK5 expression in Hela cell lysate.

For Research Use Only. Not For Use In Diagnostic Procedures.

www.abways.com