MEK1 (Phospho-Thr292) Rabbit mAb

Catalog No: #14213

Package Size: #14213-1 50ul #14213-2 100ul

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

Description

Product Name	MEK1 (Phospho-Thr292) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB
Species Reactivity	Human
Specificity	Phospho-MEK1 (T292) Antibody detects endogenous levels of Phospho-MEK1 (T292)
Immunogen Description	A synthesized peptide derived from human MEK1
Other Names	Dual specificity mitogen-activated protein kinase kinase 1; MAP kinase kinase 1; MAPKK 1; MKK1; ERK activator kinase 1; MAPK/ERK kinase 1; MEK 1; MAP2K1; MEK-1; PRKMK1;
Accession No.	Uniprot:Q02750
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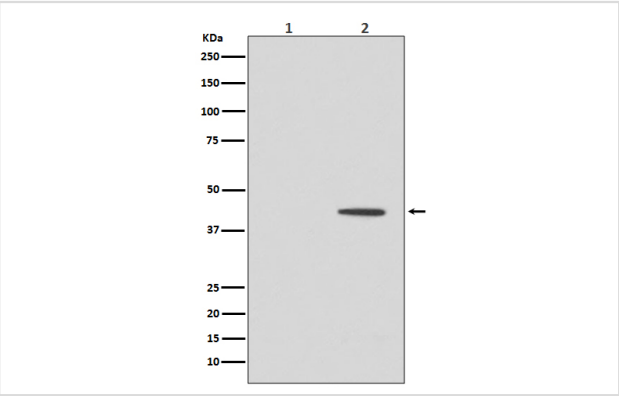
Calculated MW	45kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4Λ C short term. Store at -20Λ C long term. Avoid freeze / thaw cycle.

Application Details

WB:1:500~1:1000

Images



Western blot analysis of MEK5 expression in (1) HeLa cell lysate; (2) HeLa cell treated with Nocodazole.

Product Description

MEK1 and MEK2, also called MAPK or Erk kinases, are dual-specificity protein kinases that function in a mitogen activated protein kinase cascade controlling cell growth and differentiation. Activation of MEK1 and MEK2 occurs through phosphorylation of two serine residues at positions 217 and 221, located in the activation loop of subdomain VIII, by Raf-like molecules. Catalyzes the concomitant phosphorylation of a threonine and a tyrosine

residue in a Thr-Glu-Tyr sequence located in MAP kinases. Activates ERK1 and ERK2 MAP kinases.

Note: This product is for in vitro research use only