

Product Datasheet

MEK1 [p Thr292] Antibody - Azide Free NB500-145

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NB500-145

MEK1 [p Thr292] Antibody - Azide Free

Product Information

Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
Target Molecular Weight	45 kDa

Product Description

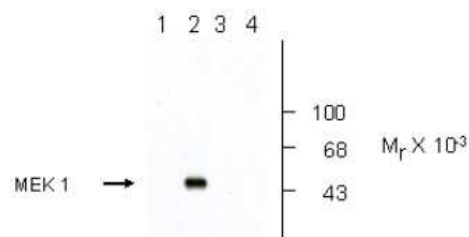
Host	Rabbit
Gene ID	5604
Gene Symbol	MAP2K1
Species	Human, Mouse
Specificity/Sensitivity	Specific for endogenous levels of the ~45 kDa MEK1 protein phosphorylated at Thr292.
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Thr292 conjugated to KLH. Accession # Q02750

Product Application Details

Applications	Western Blot
Recommended Dilutions	Western Blot 1:1000

Images

Western Blot: MEK1 [p Thr292] Antibody [NB500-145] - Recombinant wild type and mutant MEK 1 showing immunolabeling of the ~45k MEK-1 protein phosphorylated at Thr292. Lanes 1 and 2 are WT MEK 1 and Lanes 3 and 4 are mutant MEK 1 (T292A). MAP kinase was coexpressed in the samples run in Lanes 2 and 4.

Anti-Phospho Thr²⁹² MEK 1

Publications

Park, SH, Zarrinpar, A Lim, WA. Rewiring MAP kinase pathways using alternative scaffold assembly mechanisms. *Science* 299 1061 - 1064. 2003-01-01 [PMID: 12511654]

Adams, JP Sweatt, JD. Roles for the ERK MAP kinase cascade in memory, *Annu. Rev Pharmacol Toxicol* 42 135 - 163. 2002-01-01 [PMID: 11807168]

Ahn, NG, quot. The MAP kinase cascade. Discovery of a new signal transduction pathway. *Mol. Cell Biochem.* 127 - 128 201 - 209. 1993-01-01 [PMID: 7935352]

Mansour, SJ, Resing, KA, Ci, JM, Hermann, AS, Gloor, JW, Herskind, KR, Wartmann, M, Davis, RJ, Ahn, NG, quot. Mitogen-activated protein (MAP) kinase phosphorylation of MAP kinase kinase: determination of phosphorylation sites by mass spectrometry site-directed mutagenesis. *J. Biochem. (Tokyo)* 116 304. 1994-01-01 [PMID: 7822248]

Crews, CM, Alessrini, A, Erikson, RL. The primary structure of MEK, a protein kinase that phosphorylates the ERK gene product. *Science* 258 478 - 480. 1992-01-01 [PMID: 1411546]

Ahn, NG, Robbins, DJ, Haycock, RW, Seger, R, Cobb, MH Krebs, EG, quot. Identification of an activator of the microtubule-associated protein 2 kinases ERK1 ERK2 in PC12 cells stimulated with nerve growth factor or bradykinin, *J. Neurochem* 59 147 -156. 1992-01-01 [PMID: 1319464]





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Products Related to NB500-145

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00005604-Q01-10ug	Recombinant Human MEK1 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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