

Anti-MEK1/2 (Ser218,222) Antibody



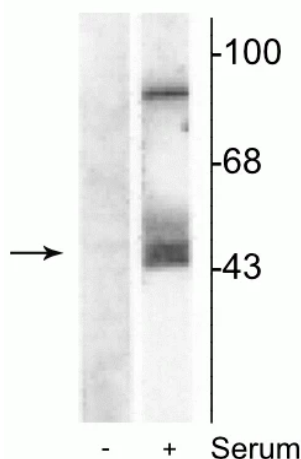
Pooled Serum

Product Details

Available Variants	100 µL (SKU:p180-21822) 25 µL (SKU:p180-21822t)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	MAP2K1/2
Host Species	Rabbit
Format	Antigen Affinity Purified from Pooled Serum
Physical State	Liquid
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50% glycerol.
Production Notes	Prepared from pooled rabbit serum by affinity purification via sequential chromatography on phospho and non-phosphopeptide affinity columns.
Applications	WB
Dilution Ranges	WB: 1:1000
Species Reactivity	Human, Mouse
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser218/222 of human MEK1/2, conjugated to keyhole limpet hemocyanin (KLH). Note: The phosphosites in human MEK 1/2 are Ser218 and Ser222; the phosphosites in mouse MEK 1/2 are Ser217 and Ser221.
Specificity	Specific for endogenous levels of the ~45 kDa MEK 1/2 protein phosphorylated at Ser218/222. Immunolabeling is blocked by preadsorption with the phosphopeptide used as antigen, but not by the corresponding non-phosphopeptide.
Molecular Weight	45 kDa
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
Antibody Registry ID	AB_2492146
UniProt ID	<u>Q02750</u>
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Expected Reactivity	Bovine, Canine, Chicken, Non-Human Primate, Rat, Xenopus, Zebrafish
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Ser218,222
NCBI Gene ID	5604

Product Images



Western Blot of NIH 3T3 cell lysates showing specific immunolabeling of the ~45 kDa MEK 1/2 protein phosphorylated at Ser218 and Ser222. The cells were either serum starved (-) or incubated in the presence of serum (+). Immunolabeling of an additional band at ~95 kDa was also observed.

Product Page URL: www.antibodiesinc.com/products/anti-mek1-2-ser218222-antibody-p180-21822



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