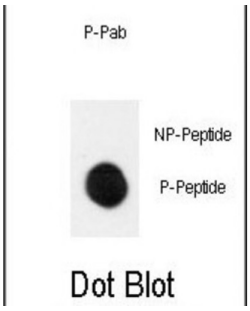
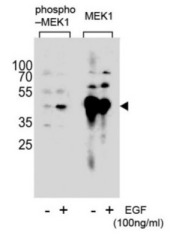
MEK1 (pS222) Antibody

Catalogue No.:abx032048





MEK1is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase is known to play a critical role in mitogen growth factor signal transduction. It phosphorylates and thus activates MAPK1/ERK2 and MAPK2/ERK3. The activation of this kinase itself is dependent on the Ser/Thr phosphorylation by MAP kinase kinase kinases. The inhibition or degradation of this kinase is found to be involved in the pathogenesis of Yersinia and anthrax.

Target:	MEK1 (pS222)
Clonality:	Polyclonal
Target Modification:	Ser222
Modification:	Phosphorylation
Reactivity:	Human
Tested Applications:	ELISA, WB, DB
Host:	Rabbit
Recommended dilutions:	WB: 1/500, DB: 1/500. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S222 of human MEK1.

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Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein A column, followed by two-step phosphospecific peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q02750 (UniProt, ExPASy)
NCBI Accession:	NP_002746.1
KEGG:	hsa:5604
String:	9606.ENSP00000302486
Molecular Weight:	Calculated MW: 43.4 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Mouse, Rat, Hamster, Drosophila and Xenopus MAP2K1.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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