Phospho-MEK1-S217/MEK2-S221

E9P0483

Antibody type:	Polyclonal Antibody
Applications:	WB
Reactivity:	Human
Molecular Weight:	44 kDa
Immunogen:	A phospho specific peptide corresponding to residues surrounding S217 of human MEK1
Gene ID:	5604/5605
Swiss-Prot No.:	Q02750; P36507
Alternname:	CFC3; MEK1; MKK1; MAPKK1; PRKMK1;
Source:	Rabbit
Isotype:	lgG
Purification:	Affinity purification
Storage/Stability:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Background:	The protein encoded by this gene is a member of the dual specificity protein kinase family, which acts as a mitogen-activated protein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This protein kinase lies upstream of MAP kinases and stimulates

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	the enzymatic activity of MAP kinases upon wide variety of extra- and intracellular signals. As an essential component of MAP kinase signal transduction pathway, this kinase is involved in many cellular processes such as proliferation, differentiation, transcription regulation and development.
Dilution:	WB 1:500 - 1:2000
Shipping&Stablity:	Aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.