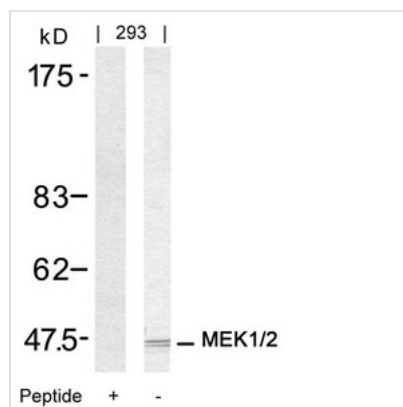


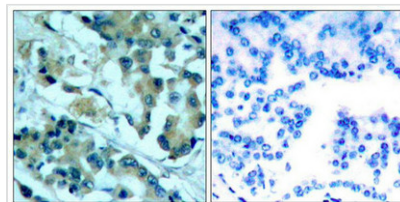


MAP2K1 (Ab-217/221) Antibody

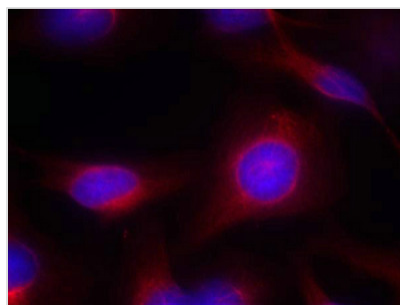
Product Code	CSB-PA065412
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q02750
Immunogen	Peptide sequence around aa.215~219/219~223 (I-D-S-M-A) derived from Human MEK1/MEK2.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total MEK1/MEK2 protein.
Tested Applications	ELISA,WB,IHC,IF;WB:1:500-1:1000,IHC:1:50-1:200,IF:1:100-1:200
Relevance	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. Shen R, et al. (2002) Mol Cell Biol; 22(10): 3230-3236 Preisinger C, et al. (2005) EMBO J; 24(4): 753-765 Laine P, et al. (2000) Biochem J; 349(Pt 1): 19-25 Yaglom J, et al. (2003) Mol Cell Biol; 23(11): 3813-3824 Dahan S, et al. (2002) Infect Immun; 70(5): 2304-2310
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Clonality	Polyclonal
Alias	ERK activator kinase 1/ERK activator kinase2; MAP kinase kinase 1/MAP kinase kinase 2; MAP2K1/MAP2K1; MAPK/ERK kinase 1/MAPK/ERK kinase 2; MAPKK 1/MAPKK 1
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	MAP2K1
Image	



Western blot analysis of extracts from 293 cells using MEK1/MEK2(Ab-217/221) Antibody and the same antibody preincubated with blocking peptide.



Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using MEK1/MEK2(Ab-217/221) Antibody(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed Hela cells using MEK1/MEK2(Ab-217/221) Antibody.