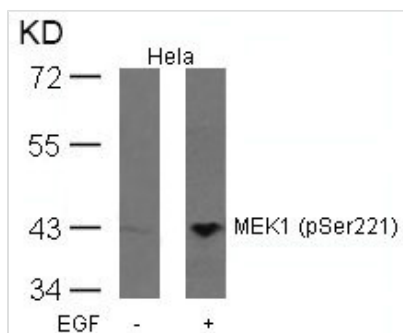




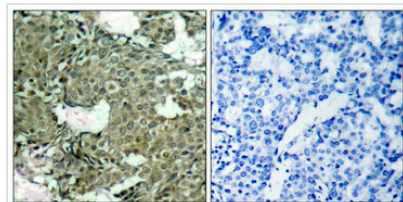
# Phospho-MAP2K1 (Ser221) Antibody

<b>Product Code</b>	CSB-PA439786
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	Q02750
<b>Immunogen</b>	Peptide sequence around phosphorylation site of serine 221 (A-N-S(p)-F-V) derived from Human MEK1.
<b>Raised In</b>	Rabbit
<b>Species Reactivity</b>	Human,Mouse,Rat
<b>Specificity</b>	The antibody detects endogenous level of MEK1 only when phosphorylated at serine 221.
<b>Tested Applications</b>	ELISA,WB,IHC,IF;WB:1:500-1:1000,IHC:1:50-1:100,IF:1:100-1:200
<b>Form</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification Method</b>	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography usi
<b>Clonality</b>	Polyclonal
<b>Alias</b>	ERK activator kinase 1; MAP kinase kinase 1; MAP2K1; MAPK/ERK kinase 1; MAPKK 1
<b>Product Type</b>	Polyclonal Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Target Names</b>	MAP2K1

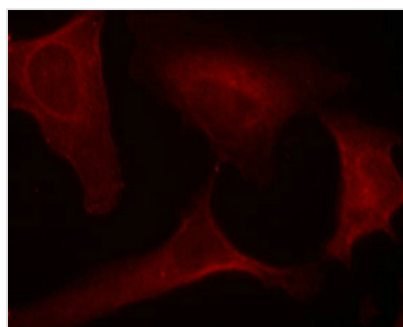
## Image



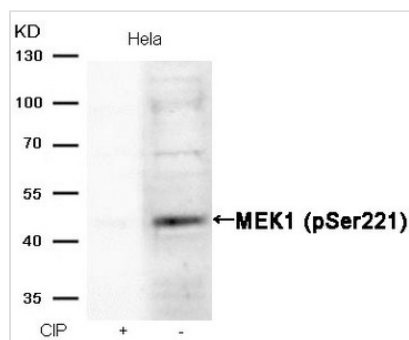
Western blot analysis of extracts from HeLa cells untreated or treated with EGF using MEK1(Phospho-Ser221) Antibody.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MEK1(Phospho-Ser221) Antibody(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed HeLa cells using MEK1(Phospho-Ser221) Antibody.



Western blot analysis of extracts from HeLa cells, treated with calf intestinal phosphatase (CIP), using MEK1 (Phospho-Ser221) Antibody.

**Product Modify**

Phospho-Ser221

**Usage**

For Research Use Only. Not for use in diagnostic or therapeutic procedures.