



## MEK1/MEK2 (Phospho-Ser217/221) Antibody

#11205

**Catalog Number:** 11205-1, 11205-2

**Amount:** 50µg/50µl, 100µg/100µl

**Swiss-Prot No. :** Q02750

**Form of Antibody:** Rabbit IgG 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.

**Storage/Stability:** Store at -20°C/1 year

**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from Human MEK1/MEK2 around the phosphorylation site of serine 217/221 (I-D-S<sub>P</sub>-M-A).

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

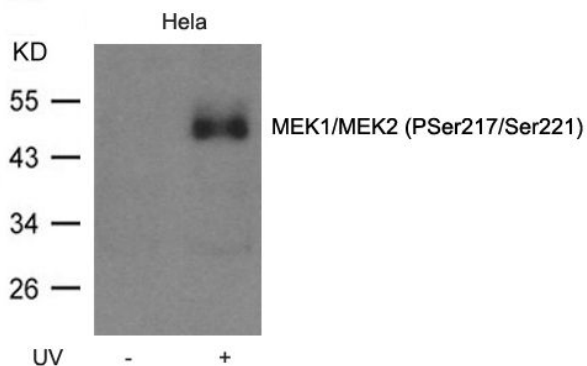
**Specificity/Sensitivity:** MEK1/MEK2 (Phospho-Ser217/Ser221) Antibody detects endogenous levels of MEK1/MEK2 only when phosphorylated at serine 217/221

**Reactivity:** Human, Mouse, Rat

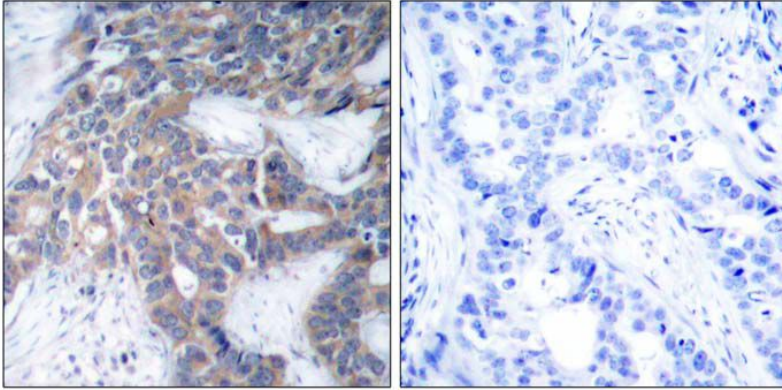
**Applications:**

Predicted MW: 45kd

WB: 1:500~1:1000 IHC: 1:50~1:100



Western blot analysis of extracts from HeLa cell untreated or treated with UV  
MEK1/MEK2(Phospho-Ser217/Ser221) Antibody#11205



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using MEK1/MEK2 (Phospho-Ser217/Ser221) Antibody (#11205).

**Background :**

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.

**References:**

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