MEK1/MEK2(Phospho-Ser217/Ser221) Antibody

Catalog No: #11205

Package Size: #11205-1 50ul #11205-2 100ul #11205-4 25ul

Overview

Product Name	MEK1/MEK2(Phospho-Ser217/Ser221) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	IHC WB
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	MEK1/MEK2
Modification	Phospho-Ser217/Ser221
Alternative Names	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

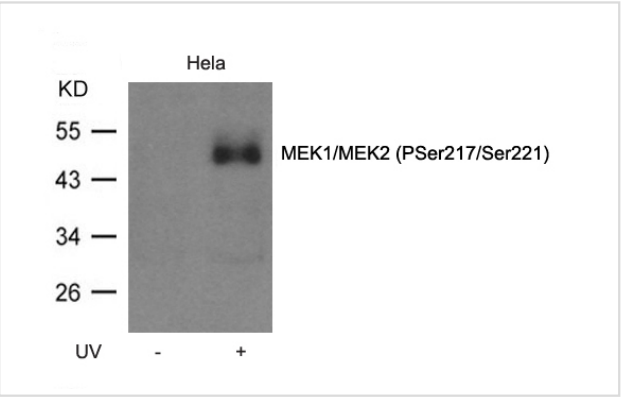
Application Details

Predicted MW: 45kd

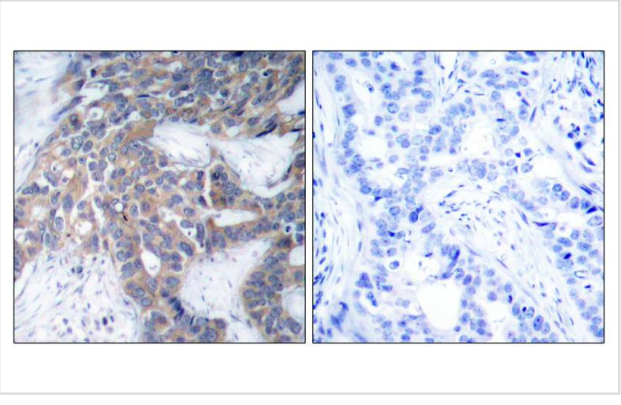
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

Images



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(left) or the same antibody preincubated with blocking peptide(right).

Descriptions

Immunogen	Peptide sequence around phosphorylation site of serine 217/221 (I-D-S(p)-M-A) derived from Human MEK1/MEK2.
Specificity	The antibody detects endogenous level ofMEK1/MEK2 only when phosphorylated at serine 217/221.
Purifiction	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 chromatogramphy using non-phosphopeptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: Q02750NCBI Protein: NP _002746.1 NP _109587.1

Related Information

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