MEK1/MEK2(Phospho-Ser217/Ser221) Antibody

Catalog No: #11205

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

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	MEK1/MEK2(Phospho-Ser217/Ser221) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	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.
Applications	IHC WB
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous level of MEK1/MEK2 only when phosphorylated at serine 217/221.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 217/221 (I-D-S(p)-M-A) derived from Human MEK1/MEK2.
Conjugates	Unconjugated
Target Name	MEK1/MEK2
Modification	Phospho
Other 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
Accession No.	Swiss-Prot: Q02750NCBI Protein: NP _002746.1 NP _109587.1
Concentration	1.0mg/ml
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.

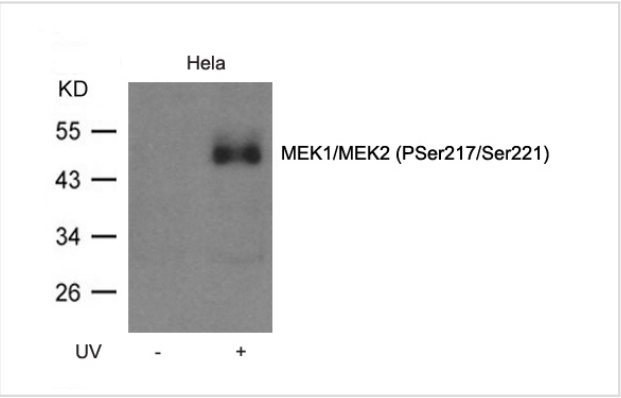
Application Details

Predicted MW: 45kd

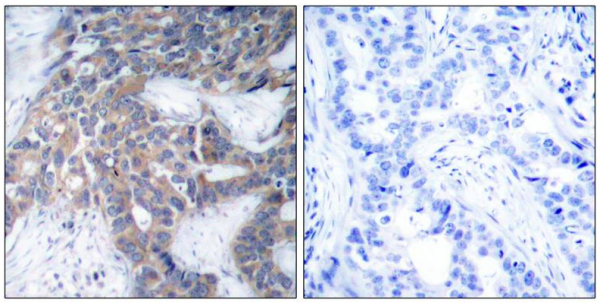
Western blotting: 1:500~1:1000

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).

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.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.