Product Datasheet

MEK2(Ab-394) Antibody

Catalog No: #21008

Package Size: #21008-1 50ul #21008-2 100ul

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

Description

Product Name	MEK2(Ab-394) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB IHC
Species Reactivity	Hu Rt
Specificity	The antibody detects endogenous level of total MEK2 protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.392~396 (P-G-T-P-T) derived from Human MEK-2.
Target Name	MEK2
Other Names	ERK activator kinase 2; MAP kinase kinase 2; MAP2K2; MAPK/ERK kinase 2; MAPKK 2
Accession No.	Swiss-Prot: P36507NCBI Protein: NP_109587.1
Uniprot	P36507
GeneID	5605;
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.

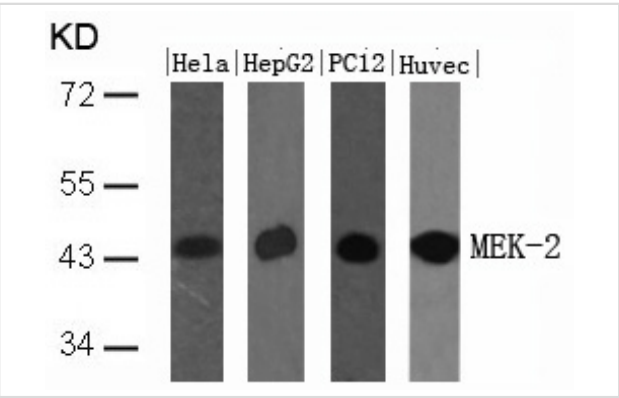
Application Details

Predicted MW: 44kd

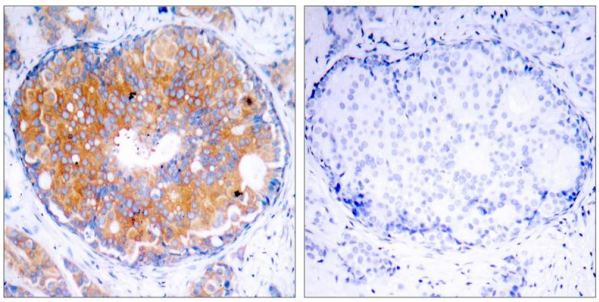
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from Hela, HepG2, PC12 and HUVEC cells using MEK-2(Ab-394) Antibody #21008.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MEK-2(Ab-394) Antibody #21008(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 the ERK1 and ERK2 MAP kinases

Crews C M, et al. (1992) Science. 258:478-480.

Alessi D R, et al. (1994) EMBO J. 13:1610-1619.

Rosen L B, et al. (1994) Neuron. 12:1207-1221.

Cowley S, et al. (1994) Cell. 77:841-852.

Note: This product is for in vitro research use only