MEK1 (Phospho-Ser221) Antibody Blocking Peptide

#51161

Catalog Number: 51161-1, 51161-2

Amount: 50μg/50μl, 100μg/100μl

Form of Peptide : Peptide in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage: Store at -20℃.

Quality Control: The quality of the peptide was evaluated by reversed-phase HPLC and mass spectrometry.

Peptide Information : The synthesized phosphopeptide was derived from human MEK1 around the phosphorylation site of serine 221 (A-N-S^{P}-F-V).

Specificity: The peptide specifically blocks the signal of MEK1 (phospho-Ser221) antibody (#11161) completely in Western blotting and IHC .

Applications: For Western blotting:add 10 μl of antibody and 10 μl of blocking peptide to 10 ml of antibody dilution buffer, and incubate at 4℃ over night or at room temperature for 2 hours before allowing to react with the blot.

Swiss-Prot No. : Q02750

References:

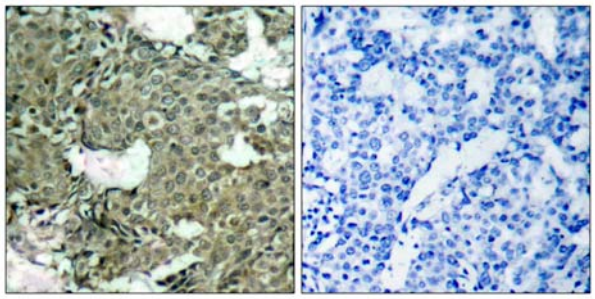
Zebisch A, et al. (2006) Cancer Res; 66(7): 3401-8.

Luciano BS, et al.(2006)J Biol Chem; 279(50): 52117-23.

Wang X, et al. (2003) Oncogene; 22(1): 109-16.

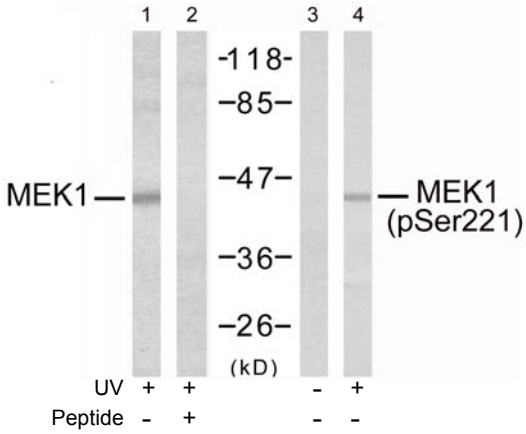
Gopalbhai K, et al. (2003) J Biol Chem; 278(10): 8118-25.

Ling MT, et al. (2002)Oncogene; 21(55): 8498-505.



P-Peptide - +

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MEK1 (phospho-Ser221) antibody (#11161).



Western blot analysis of extracts from Jurkat cells, using MEK1 (Ab-221) antibody (#21175, Lane 1 and 2) and MEK1 (phospho-Ser221) antibody (#11161, Lane 3 and 4).

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