



MEK2 (Phospho-Thr394) Antibody

#11008

Catalog Number: 11008-1, 11008-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. : P36507

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), 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 MEK2 around the phosphorylation site of threonine 394 (P-G-T^P-P-T).

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.

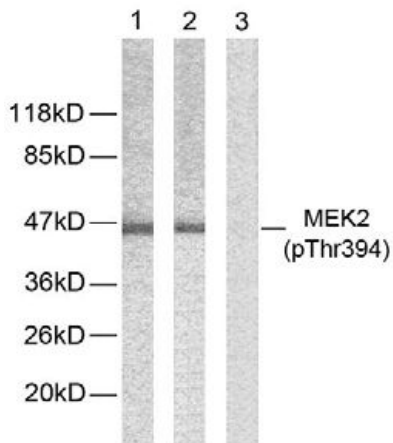
Specificity/Sensitivity: MEK2 (phospho-Thr394) antibody detects endogenous levels of MEK2 only when phosphorylated at threonine 394.

Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 44kd

WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:00~1:200

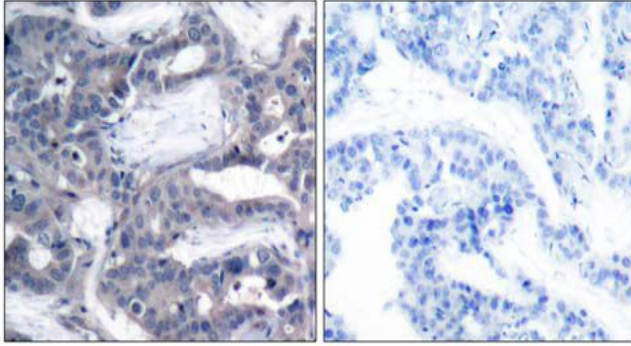


Peptide - + -

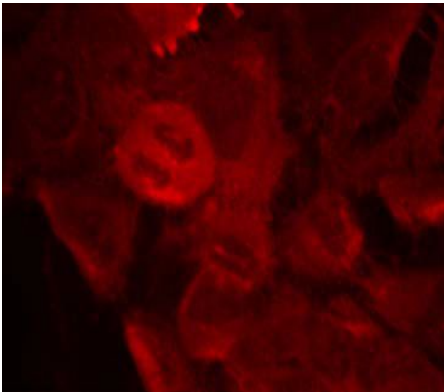
P-Peptide - - +

Western blot analysis of extracts from ovary cancer cells

using MEK2 (phospho-Thr394) antibody (#11008).



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MEK2 (phospho-Thr394) antibody (#11008).



Immunofluorescence staining of methanol-fixed HeLa cells using MEK2 (phospho-Thr394) antibody (#11008).

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

References:

- 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.