

35-1007: Polyclonal Antibody to MEK-2 (Phospho-Thr394)

Clonality :	Polyclonal
Application :	WB,IHC,IF
Reactivity :	Human
Gene :	MAP2K2
Gene ID :	5605
Uniprot ID :	P36507
Format :	Purified
Alternative Name :	ERK activator kinase 2, MAP kinase kinase 2, MAP2K2, MAPK/ERK kinase 2, MAPKK 2
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around phosphorylation site of threonine 394 (P-G-T(p)-P-T) derived from Human MEK-2.

Description

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.

Product Info

Amount :	50 µl / 100 µl
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 44kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100, Immunofluorescence: 1:100~1:200

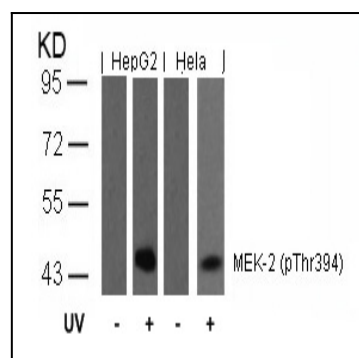


Figure 1: Western blot analysis of extracts from HepG2 and HeLa cells untreated or treated with UV using MEK-2(Phospho-Thr394) Antibody 35-1007 .

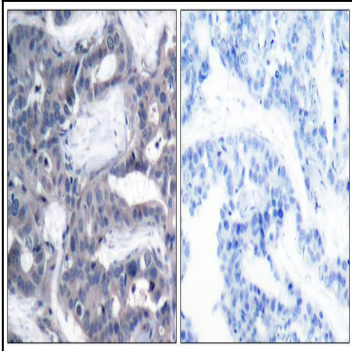


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MEK-2(Phospho-Thr394) Antibody 35-1007 (left) or the same antibody preincubated with blocking peptide(right).

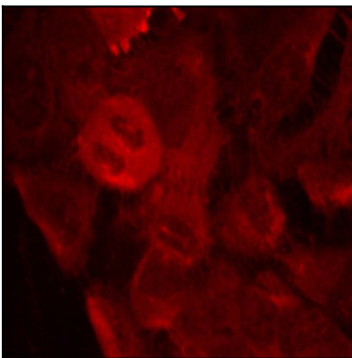


Figure 3: Immunofluorescence staining of methanol-fixed HeLa cells using MEK-2(Phospho-Thr394) Antibody 35-1007 .