

35-1366: Polyclonal Antibody to MEK-2 (Ab-394)

Clonality :	Polyclonal
Application :	WB,IHC
Reactivity :	Human,Rat
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 aa.392~396 (P-G-T-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

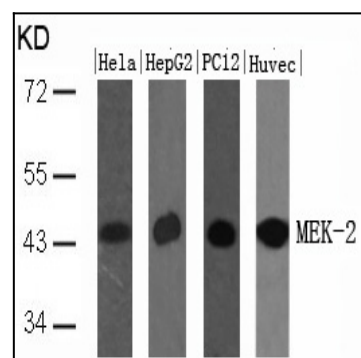


Figure 1: Western blot analysis of extracts from HeLa, HepG2, PC12 and HUVEC cells using MEK-2(Ab-394) Antibody 35-1366 .

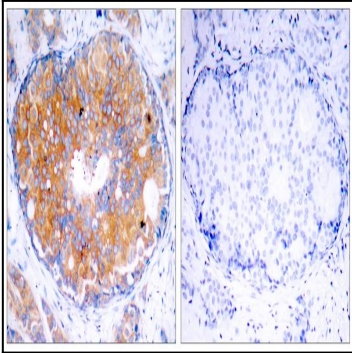


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MEK-2(Ab-394) Antibody 35-1366 (left) or the same antibody preincubated with blocking peptide(right).