



## EB06592 - Goat Anti-ERK2 / MAPK1 Antibody

Size: 100µg specific antibody in 200µl



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**Research Use Only. Not for  
diagnostic or therapeutic use.**

### Target Protein

**Principal Names:** MAPK1 antibody, ERK2 antibody, ERK antibody, p38 antibody, p40 antibody, p41 antibody, ERT1 antibody, MAPK2 antibody, PRKM1 antibody, PRKM2 antibody, P42MAPK antibody, p41mapk antibody, mitogen-activated protein kinase 1 antibody, protein tyrosine kinase ERK2 antibody, mitogen-activated protein kinase 2 antibody, extracellular signal-regulated kinase 2 antibody

**Official Symbol:** MAPK1

**Accession Number(s):** NP\_002736.3; NP\_620407.1

**Human GeneID(s):** [5594](#)

**Non-Human GeneID(s):** 26413 (mouse)

**Important Comments:** This antibody is expected to recognise an epitope corresponding to aa 9-19 of both reported protein isoforms of human ERK2 / MAPK1 protein.

### Immunogen

Peptide with sequence CAAGPEMVRGQVF, from the internal region of the protein sequence according to NP\_002736.3; NP\_620407.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

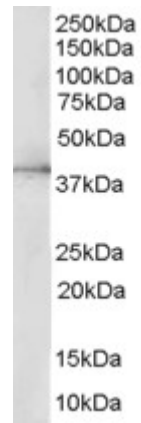
**Peptide ELISA:** antibody detection limit dilution 1:8000.

**Western blot:** Approx 38kDa band observed in human cervix epitheloid carcinoma HeLa and human hepatoblastoma HepG2 lysates (calculated MW of 41.4kDa according to NP\_002736 and NP\_620407). Recommended concentration: 0.5-2µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Cow



EB06592 (0.5 $\mu$ g/ml) staining of HepG2 lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.