

## Product Datasheet

# Phospho-ERK1/2 (Thr202) Antibody

Catalog No: CY6190

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB



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### Information

**UniProt ID:** P27361/P28482

**All Names:** EC 2.7.11.24; ERK-1; ERK1; ERT2; Extracellular signal- regulated kinase 1; Insulin-stimulated MAP2 kinase; kinase ERK1; MAP kinase 1; MAPK 1; MAPK3; Microtubule- associated protein-2 kinase; Mitogen-activated protein kinase 3; MK03; MNK1; p44-ERK1; P44-ER

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

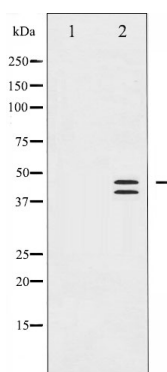
**Molecular Wt.:** 44+42kDa

### Application

WB 1:500-1:2000

### Background

p42 MAP kinase plays a critical role in the regulation of cell growth and differentiation. Activated by a wide variety of extracellular signals including growth and neurotrophic factors, cytokines, hormones and neurotransmitters.



Western blot analysis of p44/42 MAP Kinase phosphorylation expression in EGF treated A431 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

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