

Anti- Phospho-ERK1/2 (Thr202/Tyr204) Polyclonal



Antibody

Catalog No.	Size
A 100501 -01	50 µl
A 100501 -02	100 µl

Specificity	Anti- Phospho-ERK1/2 (Thr202/Tyr204) (human mouse rat)
Source	Rabbit Polyclonal
Application	WB IHC
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: P27361

Other Names: 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-ERK1; p44-MAPK; P44-MAPK; PRKM3

Specificity and Sensitivity

Phospho-ERK1/2 (Thr202/Tyr204) Antibody detects endogenous levels of ERK1/2 only when phosphorylated at Threonine 202/Tyrosine 204

Source and Purification

The antiserum was produced against synthesized peptide derived from human ERK1/2 around the phosphorylation site of Threonine 202/Tyrosine 204

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 IHC: 1:50~1:200

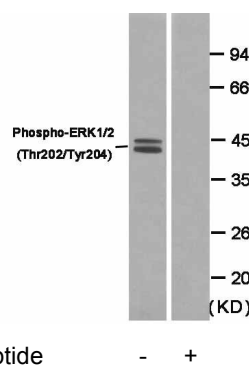
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



Western blot analysis of extracts from HeLa cells, using Phospho-ERK1/2 (Thr202/Tyr204) Antibody.

Related Products

- PW001: Super ECL Assay kit
- E030120 : HRP, Goat Anti-Rabbit IgG(H+L)
- E032221: Dylight 488, Donkey Anti-Rabbit IgG(H+L)
- E021010: Anti-GAPDH Mouse Monoclonal Antibody
- E021020: Anti-beta Actin Mouse Monoclonal Antibody
- E022330: Anti-His Tag Mouse Monoclonal Antibody-HRP