Recombinant Phospho-Erk 1, 2 (Thr202, Tyr204) Monoclonal Antibody

catalog number: **AN300713L**

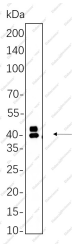
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide corresponding to residues around (Thr202, Tyr204) of Human Phospho-Erk 1, 2
Host	Rabbit
Isotype	Rabbit IgG
Clone	C170337
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Data



Western Blot with Recombinant Phospho-Erk 1, 2 (Thr202, Tyr204) Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Hela-2 cell lysate.

Observed-MW:44 kDa,42 kDa

Calculated-MW:44 kDa,42 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

The protein encoded by this gene is a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act in a signaling cascade that regulates various cellular processes such as proliferation, differentiation, and cell cycle progression in response to a variety of extracellular signals. This kinase is activated by upstream kinases, resulting in its translocation to the nucleus where it phosphorylates nuclear targets. Alternatively spliced transcript variants encoding different protein isoforms have been described.

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