

## ERK1 antibody

### Product Information

Catalog No.:	FNab10257
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### 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.

### Immunogen information

Immunogen:	mitogen-activated protein kinase 3
Synonyms:	Mitogen-activated protein kinase 3 (MAP kinase 3, MAPK 3) ERT2 Extracellular signal-regulated kinase 1 (ERK-1) Insulin-stimulated MAP2 kinase MAP kinase isoform p44 (p44-MAPK) Microtubule-associated protein 2 kinase p44-ERK1 MAPK3 ERK1 PRKM3
Observed MW:	43 kDa
Uniprot ID :	P27361

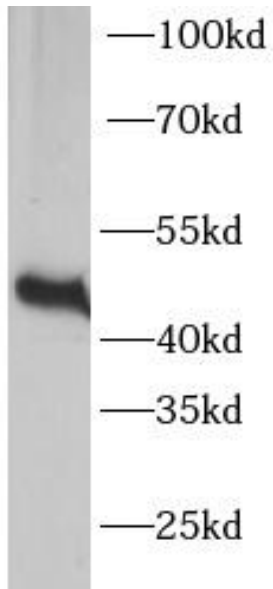
### Application

Reactivity:	Human
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Tested Application: ELISA, WB

Recommended dilution: WB: 1:500 - 1:2000

Image:



Hela cells were subjected to SDS PAGE followed by western blot with FNab10257( ERK1 antibody) at dilution of 1:1000