

GOAT ANTI-ERK2 / MAPK1 ANTIBODY

SKU: EB06592

250kDa

150kDa

100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

10kDa

SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias	extracellular signal-regulated kinase 2 mitogen-activated protein kinase 2 protein tyrosine kinase
Names	ERK2 mitogen-activated protein kinase
Usage	1 p41mapk P42MAPK PRKM2 PRKM1 MAPK2 ERT1 p41 p40 p38 ERK ERK2 MAPK1
Summary	Immunofluorescence: Strong expression of the protein seen in the cytoplasm of U251 cells.
Accession ID	Recommended concentration: 10µg/ml.
Blocking Peptide	NP_002736.3; NP_620407.1
Immunogen	EBP06592
Product Comments	Peptide with sequence CAAGPEMVRGQVF, from the internal region of the protein sequence according to NP_002736.3; NP_620407.1.
Peptide Sequence	This antibody is expected to recognise an epitope corresponding to aa 9-19 of both reported protein isoforms of human ERK2 / MAPK1 protein.
Purification Method	CAAGPEMVRGQVF
Shipping Instructions	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Predicted Species	Refrigerated
Reactive Species	Human, Mouse, Rat, Dog, Cow
Human Gene ID	Human
Mouse Gene ID	5594
Product Grade	26413
ELISA Detection Limit	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
Western Blot	Antibody detection limit dilution 1:8000.
Application Type	Approx 38kDa band observed in HepG2 lysates (calculated MW of 41.4kDa according to NP_002736 and NP_620407). Recommended concentration: 0.5-2µg/ml. Primary incubation was 1 hour.
	Pep-ELISA, WB, IF

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

