

ERK1/2(Phospho-Thr202/Thr185) Rabbit mAb

Catalog No: #14253

Package Size: #14253-1 50ul #14253-2 100ul

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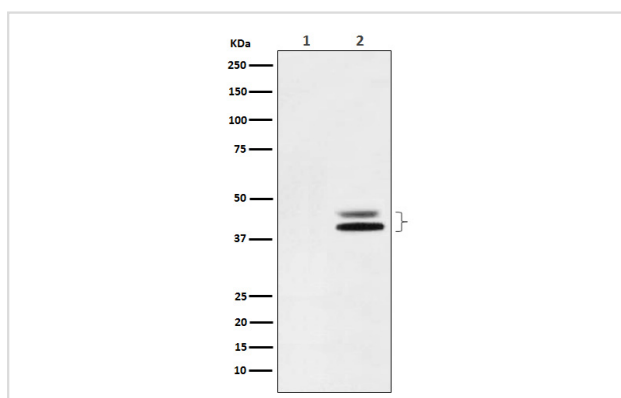
Description

Product Name	ERK1/2(Phospho-Thr202/Thr185) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF IP
Species Reactivity	Human Mouse Rat
Specificity	Phospho-ERK1 (T202) + ERK2 (T185) Antibody detects endogenous levels of total Phospho-ERK1 (T202) + ERK2 (T185)
Immunogen Description	A synthesized peptide derived from human Phospho-ERK1 (T202) + ERK2 (T185)
Other Names	MAPK3; MK03; MNK1; p44-ERK1; P44-ER; ERK-1; ERK1; ERT2; kinase ERK1; MAP kinase 1; MAPK 1;
Accession No.	Uniprot:P27361
Calculated MW	42,44kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB:1:500~1:1000IHC:1:50~1:200ICC/IF:1:50~1:200IP:1:40

Images



Western blot analysis of Phospho-ERK1 (T202) + ERK2 (T185) expression in (1) NIH/3T3 cell lysate; (2) NIH/3T3 cell lysate treated with PDGF.

Product Description

Serine/threonine kinase which acts as an essential component of the MAP kinase signal transduction pathway. MAPK1/ERK2 and MAPK3/ERK1 are the 2 MAPKs which play an important role in the MAPK/ERK cascade. They participate also in a signaling cascade initiated by activated KIT and KITLG/SCF. Depending on the cellular context, the MAPK/ERK cascade mediates diverse biological functions such as cell growth, adhesion, survival and differentiation through the regulation of transcription, translation, cytoskeletal rearrangements.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.