



Phospho-ERK1/2 (Thr202/Tyr204)/(Thr185/Tyr187) Rabbit mAb

Catalog No	YP-Ab-17881
Isotype	IgG
Reactivity	Human
Applications	WB,IHC-P,ICC/IF,FC
Gene Name	MAPK1/MAPK3
Alternative Names	MAPK1/MAPK3
Research Field	Cell Biology
Product Categories	Primary antibody
Host	Rabbit
Molecular Weight	Calculated MW: 42,44 kDa; Observed MW: 42,44 kDa
Clonality	Monoclonal Antibody
Clonality No.	R08-8S3
Dilution	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 FC: 1/50-1/100
Immunogen	A synthesized peptide derived from human Phospho-Erk1 (T202/Y204) + Erk2 (T185/Y187)
Purification	Affinity Chromatography
Conjugation	Unconjugated
Modification	Phosphorylated
Form	Liquid
Buffer System	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml
Purity	≥90%
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Background	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.



matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

