

# ERK1/2(Phospho-Thr202/Thr185) Conjugated Antibody

Catalog No: #C14253

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)
 Package Size: #C14253-AF350 100ul #C14253-AF405 100ul #C14253-AF488 100ul #C14253-AF555 100ul #C14253-AF594 100ul
   
 Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

#C14253-AF647 100ul #C14253-AF680 100ul #C14253-AF750 100ul #C14253-Biotin 100ul #C14253-Conjugated 50ul

## Description

Product Name	ERK1/2(Phospho-Thr202/Thr185) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB, IF
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)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
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
Storage	Store at 4°C in dark for 6 months

## Application Details

WB: 1:50-1:200

IF:1:50-1:200

## 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.