

# ERK1/2 Conjugated Antibody

Catalog No: #C56077

Package Size: #C56077-AF350 100ul #C56077-AF405 100ul #C56077-AF488 100ul #C56077-AF555 100ul #C56077-AF594 100ul #C56077-AF647 100ul #C56077-AF680 100ul #C56077-AF750 100ul #C56077-Biotin 100ul #C56077-Conjugated 50ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	ERK1/2 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB, IF, FC
Species Reactivity	Human Mouse Rat
Specificity	ERK1/2 Antibody detects endogenous levels of total ERK1/2
Immunogen Description	A synthesized peptide derived from human ERK1/2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ERK-1, Insulin-stimulated MAP2 kinase, MAP kinase 1, MAPK 1, p44-ERK1, ERT2, p44-MAPK, ERK-1,
Accession No.	Uniprot:P27361/P28482
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

FC: 1:50-1:200

## Product Description

ERK1 p42 MAP kinase plays a critical role in the regulation of cell growth and differentiation. Activated by a wide variety of extracellular signals including growth and neurotrophic factors, cytokines, hormones and neurotransmitters. ERK2 p44 MAP kinase plays a critical role in the regulation of cell growth and differentiation. Acts as an integration point for multiple biochemical signals, and is involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development.

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