Erk1/2(Phospho-T202/Y204+T185/Y187) Conjugated Antibody

Catalog No: #C14151

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Package Size: #C14151-AF350 100ul #C14151-AF405 100ul #C14151-AF488 100ul #C14151-AF555 100ul #C14151-AF594 100ul #C14151-AF647 100ul #C14151-AF680 100ul #C14151-AF750 100ul #C14151-Biotin 100ul

Description

Product Name	Erk1/2(Phospho-T202/Y204+T185/Y187) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human Mouse Rat
Specificity	Phospho-ERK1 (Y204) + ERK2 (Y187) Antibody detects endogenous levels of total Phospho-ERK1 (Y204) + ERK2 (Y187)
Immunogen Description	A synthesized peptide derived from human Phospho-ERK1 (Y204) + ERK2 (Y187)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ERK-1; ERK1; ERT2; kinase ERK1; MAP kinase 1; MAPK 1; MAPK3; MK03; MNK1; p44-ERK1; P44-ERK1; p44-MAPK;
Accession No.	Uniprot:P27361/P28482
Uniprot	P27361/P28482
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	42kDa
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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