p44/42 MAP Kinase (Phospho-Tyr204) Conjugated Antibody

Catalog No: #C11246

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Package Size: #C11246-AF350 100ul #C11246-AF405 100ul #C11246-AF488 100ul #C11246-AF555 100ul #C11246-AF594 100ul #C11246-AF647 100ul #C11246-AF680 100ul #C11246-AF750 100ul #C11246-Biotin 100ul

Description

Product Name	p44/42 MAP Kinase (Phospho-Tyr204) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of p44/42 MAP Kinase only when phosphorylated at tyrosine 204.
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 204 (T-E-Y(p)-V-A) derived from Human p44/42 MAP Kinase.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ERK1;ERT2;ERK-1;PRKM3;P44ERK1
Accession No.	Swiss-Prot#:P27361NCBI Gene ID:5595NCBI mRNA#:NM_001040056.1 NCBI Protein#:NP_001035145.1
Uniprot	P27361
GeneID	5595;
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	42,44
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
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

Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.

Background

Involved in both the initiation and regulation of meiosis, mitosis, and postmitotic functions in differentiated cells by phosphorylating a number of transcription factors such as ELK-1. Phosphorylates EIF4EBP1; required for initiation of translation. Phosphorylates microtubule-associated protein 2 (MAP2). Phosphorylates SPZ1.

Note: This product is for in vitro research use only