SAPK/JNK (Ab-183) Conjugated Antibody

Catalog No: #C21241

Package Size: #C21241-AF350 100ul #C21241-AF405 100ul #C21241-AF488 100ul #C21241-AF555 100ul #C21241-AF594 100ul #C21241-AF647 100ul #C21241-AF680 100ul #C21241-AF750 100ul #C21241-Biotin 100ul

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Description

Product Name	SAPK/JNK (Ab-183) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total SAPK/JNK protein.
Immunogen Description	Peptide sequence around aa.181~185 (M-M-T-P-Y) derived from Human SAPK/JNK.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	JNK2
Accession No.	Swiss-Prot#:P45984///P53779 NCBI Gene ID:5601NCBI mRNA#:NM_001135044.1NCBI Protein#:NP_001128516.1
Uniprot	P45984
GeneID	5601;
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	46 54
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 peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Background

Responds to activation by environmental stress and pro-inflammatory cytokines by phosphorylating a number of transcription factors, primarily components of AP-1 such as c-Jun and ATF2 and thus regulates AP-1 transcriptional activity. In T-cells, JNK1 and JNK2 are required for polarized differentiation of T-helper cells into Th1 cells.

Note: This product is for in vitro research use only