JNK1/2/3(Phospho-T183+T183+T221) Conjugated Antibody

Catalog No: #C13371

Orders: order@signalwayantibody.com
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Package Size: #C13371-AF350 100ul #C13371-AF405 100ul #C13371-AF488 100ul #C13371-AF555 100ul #C13371-AF594 100ul #C13371-AF647 100ul #C13371-AF680 100ul #C13371-AF750 100ul #C13371-Biotin 100ul

Description

Product Name	JNK1/2/3(Phospho-T183+T183+T221) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CDK 6 antibody CDK6 antibody CDK6_HUMAN antibody Cell division protein kinase 6 antibody Crk 2 antibody Crk2 antibody Cyclin dependent kinase 6 antibody Cyclin-dependent kinase 6 antibody MGC59692 antibody p40 antibody PLSTIRE antibody Serine/threonine protein kinase PLSTIRE antibody Serine/threonine-protein kinase PLSTIRE antibody STQTL11 antibody
Accession No.	Swiss-Prot#:Q00534
Uniprot	Q00534
GeneID	1021;
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	37
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

Background

Cell cycle progression is controlled in part by a family of cyclin proteins and cyclin dependent kinases (Cdks). Cdk proteins work in concert with the cyclins to phosphorylate key substrates involved in each phase of cell cycle progression. Another family of proteins, Cdk inhibitors, also plays a role in regulating the cell cycle by binding to cyclin-Cdk complexes and modulating their activity. Several Cdk proteins have been identified, including Cdk2-Cdk8, PCTAIRE-1-PCTAIRE-3, PITALRE and PITSLRE. Cdk6 is known to associate with cyclins D1, D2 and D3 and to be involved with the G1/S transition of the cell cycle. Multiple inhibitors of Cdk6 have been identified, including p18 and p19. These inhibitors bind to both free and complexed Cdk6, and they inhibit the activity of the cyclin D-bound Cdk6.

Note: This product is for in vitro research use only