p21Cip1 (Phospho-Thr145) Conjugated Antibody

Catalog No: #C11206

Package Size: #C11206-AF350 100ul #C11206-AF405 100ul #C11206-AF488 100ul #C11206-AF555 100ul #C11206-AF594 100ul #C11206-AF647 100ul #C11206-AF680 100ul #C11206-AF750 100ul #C11206-Biotin 100ul

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Description

Product Name	p21Cip1 (Phospho-Thr145) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of p21Cip1 only when phosphorylated at threonine 145.
Immunogen Description	Peptide sequence around phosphorylation site of threonine 145 (R-Q-T(p)-S-M) derived from Human p21Cip1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CAP20;CDK-interacting protein 1;CDKN1;CDKN1A;CDN1A
Accession No.	Swiss-Prot#:P38936NCBI Gene ID:1026NCBI mRNA#:NM_000389.3 NCBI Protein#: NP _000380.1
Uniprot	P38936
GeneID	1026;
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	21
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

May be the important intermediate by which p53 mediates its role as an inhibitor of cellular proliferation in response to DNA damage. Binds to and inhibits cyclin-dependent kinase activity, preventing phosphorylation of critical cyclin-dependent kinase substrates and blocking cell cycle progression.

Note: This product is for in vitro research use only