

p27Kip1 (Phospho-Thr187) Conjugated Antibody

Catalog No: #C11208



Package Size: #C11208-AF350 100ul #C11208-AF405 100ul #C11208-AF488 100ul
 #C11208-AF555 100ul #C11208-AF594 100ul #C11208-AF647 100ul
 #C11208-AF680 100ul #C11208-AF750 100ul #C11208-Biotin 100ul

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Description

Product Name	p27Kip1 (Phospho-Thr187) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of p27Kip1 only when phosphorylated at threonine 187.
Immunogen Description	Peptide sequence around phosphorylation site of threonine 187 (E-Q-T(p)-P-K) derived from Human p27Kip1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CDKN1B;CDN1B;Cyclin-dependent kinase inhibitor 1B;Cyclin-dependent kinase inhibitor p27; KIP1
Accession No.	Swiss-Prot#:P46527NCBI Gene ID:1027NCBI mRNA#:NM_004064.3NCBI Protein#:NP_004055.1
Uniprot	P46527
GeneID	1027;
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	27
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 chromatography using non-phosphopeptide.

Background

Important regulator of cell cycle progression. Involved in G1 arrest. Potent inhibitor of cyclin E- and cyclin A-CDK2 complexes. Positive regulator of cyclin D-dependent kinases such as CDK4. Regulated by phosphorylation and degradation events.

Note: This product is for in vitro research use only