

PKA C (Phospho-Thr198) Conjugated Antibody

Catalog No: #C13330



Package Size: #C13330-AF350 100ul #C13330-AF405 100ul #C13330-AF488 100ul
 #C13330-AF555 100ul #C13330-AF594 100ul #C13330-AF647 100ul
 #C13330-AF680 100ul #C13330-AF750 100ul #C13330-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	PKA C (Phospho-Thr198) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Planomicrobium okeanoikoites
Immunogen Description	peptide
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Accession No.	Swiss-Prot#:P14870
Uniprot	P14870
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	66
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

The enzyme FokI, naturally found in *Flavobacterium okeanokoites*, is a bacterial type IIS restriction endonuclease consisting of an N-terminal DNA-binding domain and a non-specific DNA cleavage domain at the C-terminal. Once the protein is bound to duplex DNA via its DNA-binding domain at the 5'-GGATG-3':3'-CATCC-5' recognition site, the DNA cleavage domain is activated and cleaves, without further sequence specificity, the first strand 9 nucleotides downstream and the second strand 13 nucleotides upstream of the nearest nucleotide of the recognition site. Its molecular mass is 65.4 kDa, being composed of 587 amino acids.

Note: This product is for in vitro research use only