

SMC4 Conjugated Antibody

Catalog No: #C37957



Package Size: #C37957-AF350 100ul #C37957-AF405 100ul #C37957-AF488 100ul
 #C37957-AF555 100ul #C37957-AF594 100ul #C37957-AF647 100ul
 #C37957-AF680 100ul #C37957-AF750 100ul #C37957-Biotin 100ul

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Description

Product Name	SMC4 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SMC4 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human structural maintenance of chromosomes 4
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CAPC; CAP-C; SMC-4; SMC4L1; hCAP-C
Accession No.	Swiss-Prot#:Q9NTJ3NCBI Gene ID:10051NCBI mRNA#:NCBI Protein#:NP_006435/O95347
Uniprot	Q9NTJ3
GeneID	10051;
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	147
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

Members of the structural maintenance of chromosomes, or SMC, family (e.g., SMC1A; MIM 300040) are critical for mitotic chromosome condensation in frogs and for DNA repair in mammals.

Note: This product is for in vitro research use only