

SMC6 Conjugated Antibody

Catalog No: #C37958



Package Size: #C37958-AF350 100ul #C37958-AF405 100ul #C37958-AF488 100ul

#C37958-AF555 100ul #C37958-AF594 100ul #C37958-AF647 100ul

#C37958-AF680 100ul #C37958-AF750 100ul #C37958-Biotin 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	SMC6 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SMC6 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human structural maintenance of chromosomes 6
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	SMC-6; hSMC6; SMC6L1
Accession No.	Swiss-Prot#:Q96SB8NCBI Gene ID:79677NCBI mRNA#:NCBI Protein#:NP_005487/Q9NTJ3
Uniprot	Q96SB8
GeneID	79677;
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	126
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

Background

Structural maintenance of chromosomes protein 6 is a protein that in humans is encoded by the SMC6 gene. Core component of the SMC5-SMC6 complex, a complex involved in DNA double-strand breaks by homologous recombination. The complex may promote sister chromatid homologous recombination by recruiting the SMC1-SMC3 cohesin complex to double-strand breaks.

Note: This product is for in vitro research use only