CDC37 (Phospho-S13) Conjugated Antibody

Catalog No: #C13411

Package Size: #C13411-AF350 100ul #C13411-AF405 100ul #C13411-AF488 100ul #C13411-AF555 100ul #C13411-AF594 100ul #C13411-AF647 100ul #C13411-AF680 100ul #C13411-AF750 100ul #C13411-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	CDC37 (Phospho-S13) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	DNA mismatch repair gene homologue antibody DNA mismatch repair protein PMS2 antibody H_DJ0042M02.9 antibody HNPCC4 antibody Mismatch repair endonuclease PMS2 antibody Mismatch repair gene PMSL2 antibody PMS 2 antibody PMS1 protein homolog 2 antibody PMS2 antibody PMS2 postmeiotic segregation increased 2 antibody PMS2 postmeiotic segregation increased 2 (S. cerevisiae) antibody PMS2_HUMAN antibody PMS2CL antibody PMSL2 antibody Postmeiotic segregation increased, S. cerevisiae, 2 antibody
Accession No.	Swiss-Prot#:P54278
Uniprot	P54278
GeneID	5395;
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	96
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 finding that mutations in DNA mismatch repair genes are associated with hereditary nonpolyposis colorectal cancer (HNPCC) has resulted in considerable interest in the understanding of the mechanism of DNA mismatch repair. Initially, inherited mutations in the MSH2 and MLH1 homologs of the bacterial DNA mismatch repair genes MutS and MutL were demonstrated at high frequency in HNPCC and were shown to be associated with microsatellite instability. The demonstration that 10 to 45% of pancreatic, gastric, breast, ovarian and small cell lung cancers also display microsatellite instability has been interpreted to suggest that DNA mismatch repair is not restricted to HNPCC tumors but is a common feature in tumor initiation or progression. Two additional homologs of the prokaryotic MutL gene, designated PMS1 and PMS2, have been identified and shown to be mutated in the germline of HNPCC patients.

Note: This product is for in vitro research use only