PMS1 Conjugated Antibody

Catalog No: #C32648

Package Size: #C32648-AF350 100ul #C32648-AF405 100ul #C32648-AF488 100ul #C32648-AF555 100ul #C32648-AF594 100ul #C32648-AF647 100ul #C32648-AF680 100ul #C32648-AF750 100ul #C32648-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	PMS1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Rt
Specificity	The antibody detects endogenous level of total PMS1 protein.
Immunogen Description	Recombinant protein of human PMS1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	DKFZp781M0253;FLJ98259;HNPCC3;PMSL1;hPMS1
Accession No.	Swiss-Prot#:P54277NCBI Gene ID:5378
Uniprot	P54277
GeneID	5378;
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	106
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 purified by affinity purification using immunogen.

Background

PMS1 belongs to the DNA mismatch repair mutL/hexB family. It is thought to be involved in the repair of DNA mismatches, and it can form heterodimers with MLH1, a known DNA mismatch repair protein. Mutations in PMS1 cause hereditary nonpolyposis colorectal cancer type 3 (HNPCC3) either alone or in combination with mutations in other proteins involved in the HNPCC phenotype, which is also known as Lynch syndrome (1).

1. Entrez Gene: gene-centered information at NCBI. Nucleic Acids Res. 2005 Jan 1;33:D54-8.

Note: This product is for in vitro research use only