PMS2 Conjugated Antibody

Catalog No: #C37216

Package Size: #C37216-AF350 100ul #C37216-AF405 100ul #C37216-AF488 100ul #C37216-AF555 100ul #C37216-AF594 100ul #C37216-AF647 100ul #C37216-AF680 100ul #C37216-AF750 100ul #C37216-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	PMS2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PMS2 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human PMS2 postmeiotic segregation increased 2 (S. cerevisiae)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	PMSL2, HNPCC4, PMS2CL
Accession No.	Swiss-Prot#:P54278NCBI Gene ID:5395NCBI Protein#:NP_001158230
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
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

This gene is one of the PMS2 gene family members found in clusters on chromosome 7. The product of this gene is involved in DNA mismatch repair. It forms a heterodimer with MLH1 and this complex interacts with other complexes bound to mismatched bases. Mutations in this gene are associated with hereditary nonpolyposis colorectal cancer, Turcot syndrome, and are a cause of supratentorial primitive neuroectodermal tumors. Alternatively spliced transcript variants have been observed for this gene.

Note: This product is for in vitro research use only