Methylated-DNA--protein-cysteine methyltransferase Polyclonal Conjugated Antibody

Catalog No: #C42551

Orders: order@signalwayantibody.com
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Package Size: #C42551-AF350 100ul #C42551-AF405 100ul #C42551-AF488 100ul #C42551-AF555 100ul #C42551-AF594 100ul #C42551-AF647 100ul #C42551-AF680 100ul #C42551-AF750 100ul #C42551-Biotin 100ul

Description

Product Name	Methylated-DNA--protein-cysteine methyltransferase Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Methylated-DNA--protein-cysteine methyltransferase polyclonal antibody.
Immunogen Description	Recombinant human Methylated-DNA--protein-cysteine methyltransferase
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	MGMT
Accession No.	Swiss-Prot#:P16455
Uniprot	P16455
GeneID	4255;
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

Involved in the cellular defense against the biological effects of O6-methylguanine (O6-MeG) in DNA. Repairs alkylated guanine in DNA by stoichiometrically transferring the alkyl group at the O-6 position to a cysteine residue in the enzyme. This is a suicide reaction: the enzyme is irreversibly inactivated.

Note: This product is for in vitro research use only