Rabbit anti-Human MGMT Monoclonal Antibody | anti-MGMT antibody

MGMT Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA269180	**Rabbit**	**Human**	**Immunohistochemistry, Western Blot**

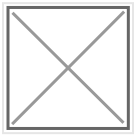
PRODUCT SYNONYMS

MGMT; Monoclonal Antibody; MGMT Rabbit mAb; Methylated-DNA--protein-cysteine methyltransferase; anti-MGMT antibody

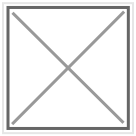
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	R01-8B1
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Applicable Applications for anti-MGMT antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human MGMT
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry analysis of paraffin-embedded Human colon cancer using MGMT antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



WB (Western Blot)
Western blot analysis of MGMT in Jurkat lysates using MGMT antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MGMT antibody	MGMT (O-6-methylguanine-DNA methyltransferase) is a DNA repair enzyme that participates in a suicide reaction that specifically removes methyl or alkyl groups from the O (6) position of guanine, restoring guanine to its normal form without causing DNA breaks. MGMT protects cells from alkylating toxins, and is an important factor in drug resistance to alkylating therapeutic agents
Product Categories/Family for anti-MGMT antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	127069
NCBI GeneID	4255

UniProt Accession #	P16455; Q5VY78
Molecular Weight	21,646 Da
NCBI Official Full Name	Methylated-DNA--protein-cysteine methyltransferase
NCBI Official Synonym Full Names	O-6-methylguanine-DNA methyltransferase
NCBI Official Symbol	MGMT
NCBI Protein Information	methylated-DNA--protein-cysteine methyltransferase; methylguanine-DNA methyltransferase; O-6-methylguanine-DNA-alkyltransferase; O6-methylguanine-DNA methyltransferase; 6-O-methylguanine-DNA methyltransferase
UniProt Protein Name	Methylated-DNA--protein-cysteine methyltransferase
UniProt Gene Name	**MGMT**
UniProt Synonym Gene Names	MGMT
UniProt Entry Name	MGMT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/mgmt-antibody-clone-r01-8b1-immunohistochemistry-western-blot-elisa/269180