

Rabbit anti-Human, Mouse MGMT Polyclonal Antibody | anti-MGMT antibody

MGMT antibody

CATALOG # AAA305458	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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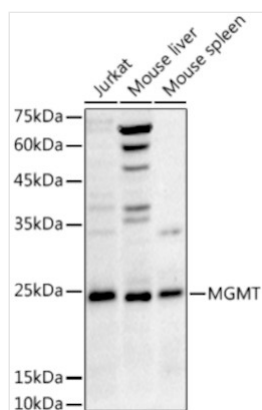
PRODUCT SYNONYMS

MGMT; Polyclonal Antibody; MGMT antibody; anti-MGMT antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous level of total MGMT protein.
Purity/Purification	Affinity Purification
Form/Format	PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on COA), pH 7.3
Concentration	2.29 mg/ml (varies by lot)
Sequence Length	207
Applicable Applications for anti-MGMT antibody	WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human MGMT
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MGMT antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MGMT antibody	Background: Alkylating agents are potent carcinogens that can result in cell death, mutation and cancer. The protein encoded by this gene is a DNA repair protein that is involved in cellular defense against mutagenesis and toxicity from alkylating agents. The protein catalyzes transfer of methyl groups from O(6)-alkylguanine and other methylated moieties of the DNA to its own molecule, which repairs the toxic lesions. Methylation of the genes promoter has been associated with several cancer types, including colorectal cancer, lung cancer, lymphoma and glioblastoma.
Product Categories/Family for anti-MGMT antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	530394832
NCBI GeneID	4255
NCBI Accession #	XP_005252739.1
NCBI GenBank Nucleotide #	XM_005252682.2
UniProt Accession #	P16455; Q5VY78
Molecular Weight	22 KDa
NCBI Official Full Name	methylated-DNA--protein-cysteine methyltransferase isoform X2
NCBI Official Synonym Full Names	O-6-methylguanine-DNA methyltransferase
NCBI Official Symbol	MGMT
NCBI Protein Information	methylated-DNA--protein-cysteine 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.