

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

Anti-MGMT Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265993	Mouse	Human	Flow Cytometry, Functional Assay, Western Blot

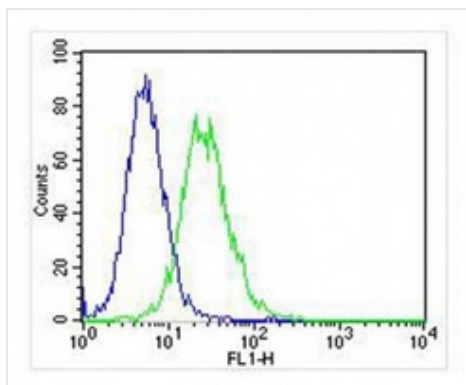
PRODUCT SYNONYMS

MGMT; Monoclonal Antibody; Anti-MGMT Antibody; anti-MGMT antibody

PRODUCT SPECIFICATIONS

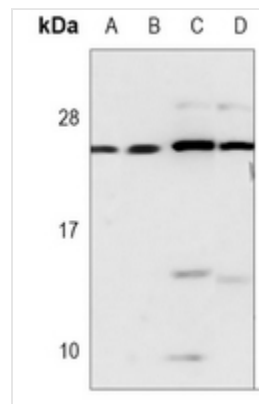
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1 kappa
Specificity	Recognizes endogenous levels of MGMT protein.
Purity/Purification	This antibody is purified through a protein G column.
Form/Format	Mouse IgG1 kappa. Liquid in PBS, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-MGMT antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human MGMT. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Jurkat cells using Anti-MGMT Antibody. The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody at 37 °C for 60 min. The secondary antibody Goat Anti-Mouse IgG (H&L) - AF488 was incubated at 37 °C for 40 min. Isotype control antibody (blue line) was used under the same condition.



WB (Western Blot)

Western blot analysis of MGMT expression in Jurkat (A), MCF7 (B), MOLT4 (C), Raji (D) whole cell lysates. (Predicted band size: 21 kD; Observed band size: 22 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-MGMT antibody	Mouse monoclonal antibody to MGMT
Product Categories/Family for anti-MGMT antibody	Primary Antibodies

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/mgmt-antibody-flow-cytometry-western-blot-elisa/265993>