

Product Name: MGMT Rabbit Monoclonal Antibody
Catalog #: AMRe03086



Summary

Production Name	MGMT Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	MGMT
Alternative Names	Methylated-DNA--protein-cysteine methyltransferase
Gene ID	4255
SwissProt ID	P16455

Application

Dilution Ratio	WB: 1/500-1/1000 IP: 1/20
Molecular Weight	Calculated MW: 22 kDa; Observed MW: 22 kDa

Background

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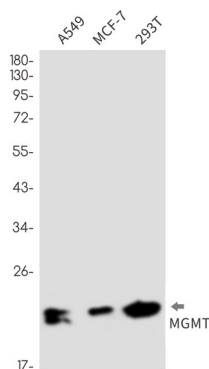


MGMT (O-6-methylguanine-DNA methyltransferase) is a DNA repair enzyme that participates in a suicide reaction that specifically removes methyl or alkyl groups from the O(6) position of guanine, restoring guanine to its normal form without causing DNA breaks. MGMT protects cells from alkylating toxins,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

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of MGMT in A549, MCF-7, 293T lysates using MGMT antibody.

Note

For research use only.