

**Product Name: MGMT Mouse Monoclonal Antibody**  
**Catalog #: AMM81465**



## Summary

<b>Production Name</b>	MGMT Mouse Monoclonal Antibody
<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	ELISA
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	MGMT
<b>Alternative Names</b>	MGMT
<b>Gene ID</b>	4255.0
<b>SwissProt ID</b>	P16455. Purified recombinant fragment of human MGMT (AA: 32-210) expressed in E. Coli.

## Application

<b>Dilution Ratio</b>	ELISA:1:10000
<b>Molecular Weight</b>	21.6kDa

## Background

MGMT involved in the cellular defense against the biological effects of O6-methylguanine (O6-MeG) in DNA. Repairs

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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

## Research Area

## Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

## Note

For research use only.