

## MGMT monoclonal antibody

Catalog: MB12123

Host: Rabbit

Reactivity: Human

### BackGround:

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:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

### Molecular Weight:

Calculated MW: 22 kDa; Observed MW: 22 kDa

### Swiss-Prot:

P16455

### Purification&Purity:

Affinity Purified

### Applications:

WB: 1/500-1/1000 IP: 1/20

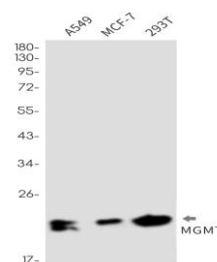
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

IgG

### DATA:



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

### Note:

For research use only, not for use in diagnostic procedure.

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