

MGMT RABBIT MAB

Cat.#: N263425

Product Name: Anti-MGMT Rabbit Monoclonal Antibody

Synonyms: Methylated-DNA--protein-cysteine methyltransferase

UNIPROT ID: P16455

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.

Immunogen: A synthetic peptide of human MGMT

Applications: WB,IP

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

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R01-6C5

MW: Calculated MW: 22 kDa; Observed MW: 22 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human

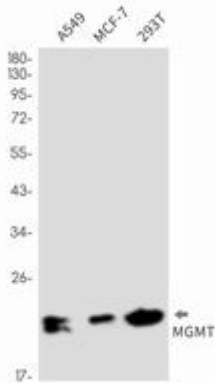
Conjugation: Unconjugated

Modification: Unmodified

Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Epigenetics and Nuclear Signaling

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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