

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

MGMT RABBIT MAB

Cat.#: N261539 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,IHC-P Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 Host Species: Rabbit Clonality: Rabbit Monoclonal

Clone ID: R01-8B1

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

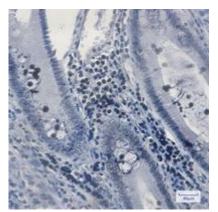
Research Areas: Epigenetics and Nuclear Signaling

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



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Immunohistochemistry analysis of paraffin-embedded Human colon cancer using MGMT antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Western blot analysis of MGMT in Jurkat lysates using MGMT antibody.