
MGMT Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251378

Unit: 0.1 mg

Description:

Methylated-DNA--protein-cysteine methyltransferase (MGMT) is involved in the cellular defense against the biological effects of O6-methylguanine (O6-MeG) in DNA. MGMT repairs 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.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: MGMT; O-6-methylguanine-DNA alkyltransferase; Methylated-DNA-protein-cysteine methyltransferase; 6-O-methylguanine-DNA methyltransferase

Accession No.: P16455

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human MGMT.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.