

CAB11151

Product Information

Product SKU:	CAB11151	Gene ID:	4255	Size:	20uL, 100uL
Clone No:	ARC0529	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	22kDa	Conjugate:	Unconjugated
Calculated MW:	22kDa	Isotype:	IgG

Immunogen Information

Background: Alkylating agents are potent carcinogens that can result in cell death, mutation and cancer. The protein encoded by this gene is a DNA repair protein that is involved in cellular defense against mutagenesis and toxicity from alkylating agents. The protein catalyzes transfer of methyl groups from O(6)-alkylguanine and other methylated moieties of the DNA to its own molecule, which repairs the toxic lesions. Methylation of the genes promoter has been associated with several cancer types, including colorectal cancer, lung cancer, lymphoma and glioblastoma.

Recommended Dilution: WB, 1:500 - 1:1000

Synonyms: MGMT; O-6-methylguanine-DNA methyltransferase

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 108-207 of human MGMT (NP_002403.3).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH 7.3.