

MGMT Rabbit mAb

Catalog NO.: A11151 **Recombinant**

Basic Information

Observed MW

22kDa

Calculated MW

22kDa

Category

Monoclonal Antibodies

Applications

WB, ELISA

Cross-Reactivity

Human

Conjugation

Unconjugated

Clone number

ARC0529

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 Dilutions

WB 1:1000 - 1:4000

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID	Swiss Prot
4255	P16455

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

MGMT; O-6-methylguanine-DNA methyltransferase

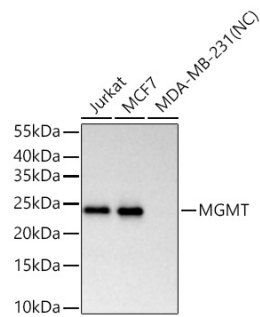
Contact

Product Information

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☒		www.abclonal.com

Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles.		
Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.		

Validation Data



Western blot analysis of various lysates using MGMT Rabbit mAb (A11151) at 1:1000 dilution incubated at room temperature for 1.5 hours.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ().

Negative control (NC): MDA-MB-231.

Exposure time: 5 s.

