

MGMT Rabbit pAb

Catalog No.: A0052

Basic Information

Catalog No.

A0052

Observed MW

22kDa

Calculated MW

21kDa

Category

Primary antibody

Applications

WB

Cross-Reactivity

Human, Rat

Recommended Dilutions

WB 1:500 - 1:2000

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.

Immunogen Information

Gene ID

4255

Swiss Prot

P16455

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-207 of human MGMT (XP_005252739.1).

Synonyms

MGMT

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

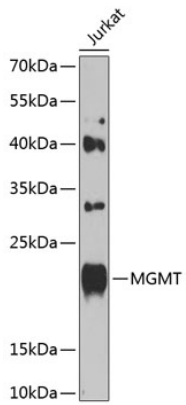
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of Jurkat cells, using MGMT antibody (A0052) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 30s.