

## MGMT antibody

Catalog No: #38149

Package Size: #38149-1 50ul #38149-2 100ul

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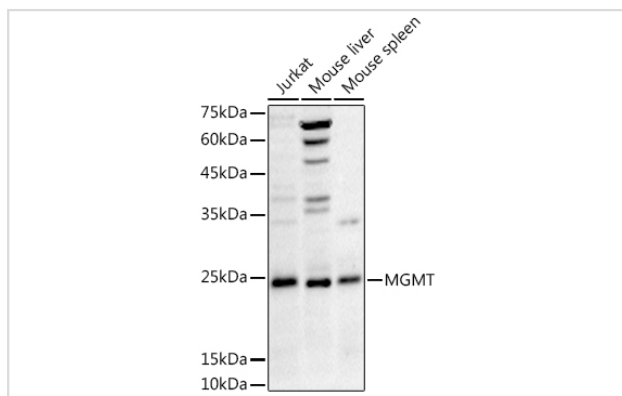
## Description

|                       |  |
|-----------------------|--|
| Product Name          | MGMT antibody  |
| Host Species          | Rabbit   |
| Clonality             | Polyclonal   |
| Isotype               | IgG  |
| Purification          | Affinity purification  |
| Applications          | WB   |
| Species Reactivity    | Human,Mouse  |
| Specificity           | The antibody detects endogenous level of total MGMT protein. |
| Immunogen Type        | Recombinant Protein  |
| Immunogen Description | Recombinant fusion protein of human MGMT (NP_002403.2).      |
| Target Name           | MGMT   |
| Other Names           | MGMT   |
| Accession No.         | Uniprot:P16455GeneID:4255                                    |
| Uniprot               | P16455   |
| GeneID                | 4255   |
| SDS-PAGE MW           | 22KDa  |
| Concentration         | 1.95 mg/ml   |
| Formulation           | PBS with 0.05% proclin300,50% glycerol,pH7.3.                |
| Storage               | Store at -20°C. Avoid freeze / thaw cycles.                  |

## Application Details

WB 1:500 - 1:2000

## Images



Western blot analysis of extracts of various cell lines, using MGMT antibody.

## Background

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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.

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Note: This product is for in vitro research use only