

MGMT antibody

Catalog No: #38149

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

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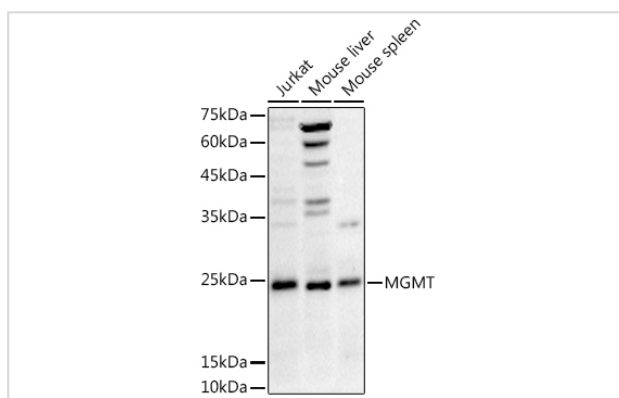
Description

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
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

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.