

Product Name: MGMT Mouse Monoclonal Antibody**Catalog #: AMM85997**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,FC
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,FC 1:25-1:50
Molecular Weight	21.6kDa

Antigen Information

Gene Name	MGMT
Alternative Names	Methylated-DNA--protein-cysteine methyltransferase, 6-O-methylguanine-DNA methyltransferase, MGMT, O-6-methylguanine-DNA-alkyltransferase, MGMT
Gene ID	4255.0
SwissProt ID	P16455
Immunogen	This MGMT antibody is generated from a mouse immunized with a recombinant protein.

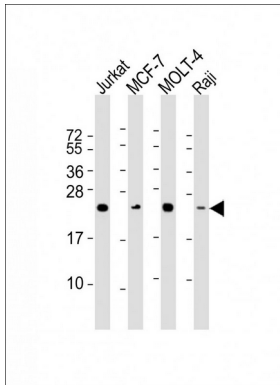
Background

Involved in the cellular defense against the biological effects of O6-methylguanine (O6-MeG) in DNA. Repairs alkylated guanine in DNA by stoichiometrically transferring the alkyl group at the O-6 position to a cysteine residue in the enzyme. This is

a suicide reaction: the enzyme is irreversibly inactivated.

Research Area

Image Data



All lanes : Anti-MGMT Antibody at 1:1000-1:2000 dilution