

Product Name: MGMT Mouse Monoclonal Antibody
Catalog #: AMM81518



Summary

Production Name	MGMT Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,FC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Immunogen

Gene Name	MGMT
Alternative Names	EC 2.1.1.63
Gene ID	4255.0
SwissProt ID	P16455.Purified recombinant fragment of human MGMT (AA: 32-210) expressed in E. Coli.

Application

Dilution Ratio	WB:1:500-1:2000,IHC:1:200-1:1000,ICC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	21.6kDa

Background

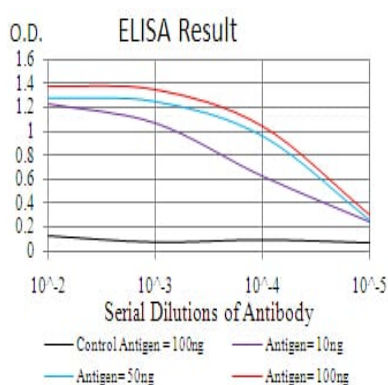
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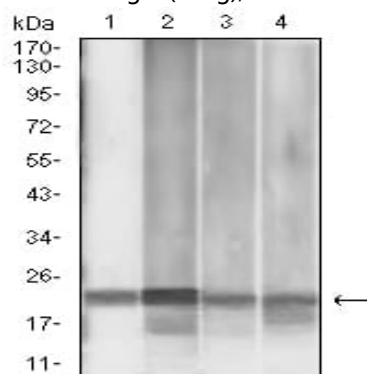
MGMT (O-6-methylguanine-DNA methyltransferase) is a protein-coding gene. Diseases associated with MGMT include oligoastrocytoma, and spinal cord astrocytoma. GO annotations related to this gene include DNA-methyltransferase activity and calcium ion binding.

Research Area

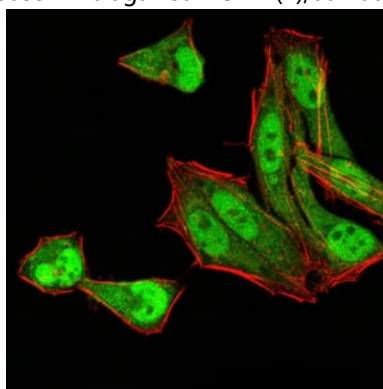
Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Western blot analysis using MGMT mouse mAb against MCF-7 (1), Jurkat (2), HepG2 (3), and PC-3 (4) cell lysate.

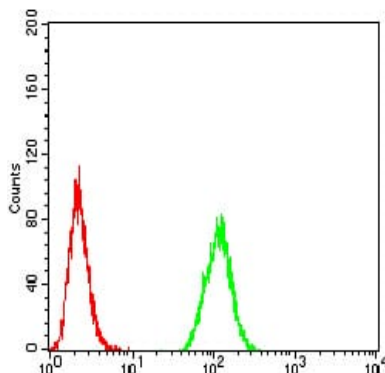


Immunofluorescence analysis of Hela cells using MGMT mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin

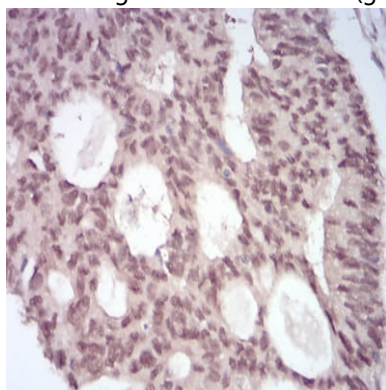
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filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Flow cytometric analysis of Hela cells using MGMT mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using MGMT mouse mAb with DAB staining.

Note

For research use only.