

MGMT monoclonal antibody

Catalog: MB21997

Host: Mouse

Reactivity: Human

Background:

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.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

21.6kDa

Swiss-Prot:

P16455

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 IF:1/200 - 1/1000
FC:1/200 - 1/400

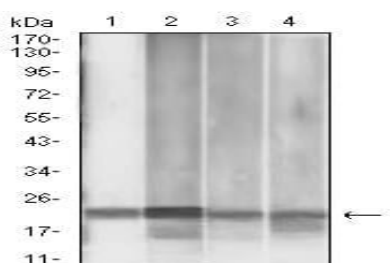
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

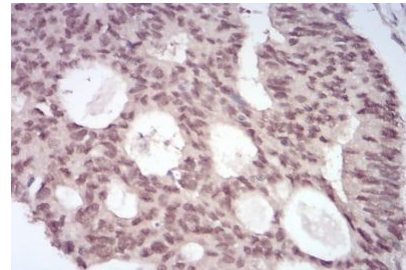
Isotype:

Mouse IgG1

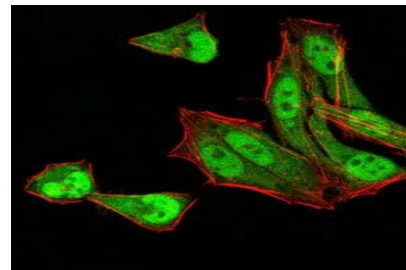
DATA:



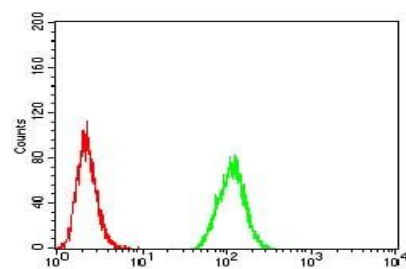
Western blot analysis using MGMT mouse mAb against MCF-7 (1), Jurkat (2), HepG2 (3), and PC-3 (4) cell lysate.



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



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

Note:

For research use only, not for use in diagnostic procedure.

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