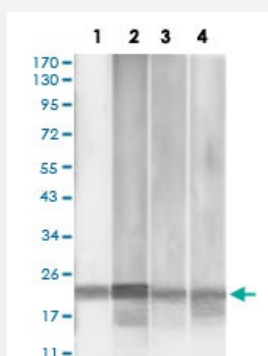


MGMT monoclonal antibody, clone 1A11F8

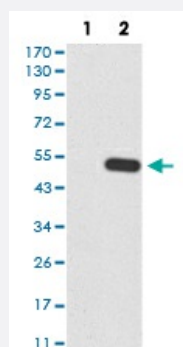
Catalog # MAB16746 Size 100 ug

Applications



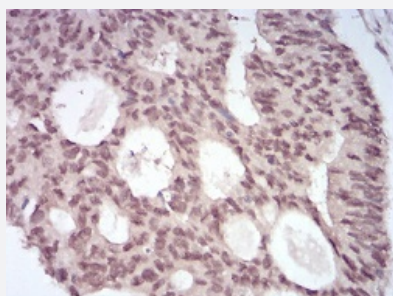
Western Blot (Cell lysate)

Western blot analysis of Lane 1: MCF-7 cell; Lane 2: Jurkat cell; Lane 3: HepG2 cell and Lane 4: PC-3 cell with MGMT monoclonal antibody.



Western Blot (Transfected lysate)

Western blot analysis of Lane 1: HEK293 cell; Lane 2: MGMT-hlgGFc transfected HEK293 cell with MGMT monoclonal antibody.



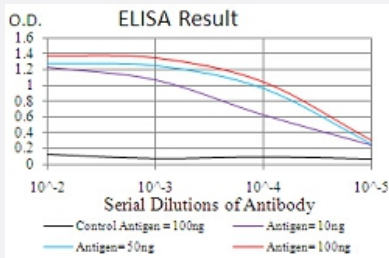
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded rectal cancer tissues with MGMT monoclonal antibody.



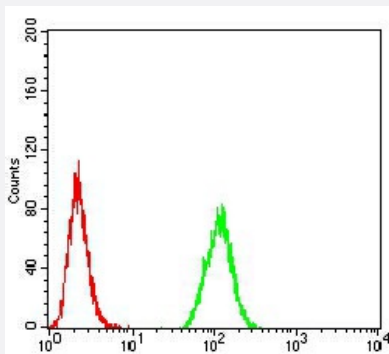
Immunocytochemistry

Immunocytochemical staining of Hela cells with MGMT monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments labeled with Alexa Fluor-555 phalloidin (red).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of MGMT monoclonal antibody, clone 1A11F8.



Flow Cytometry

Flow cytometric analysis of Hela cells with MGMT monoclonal antibody (green) and negative control (red).

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human MGMT.
Immunogen	Recombinant protein corresponding to amino acid 32-210 of human MGMT from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	21.6
Reactivity	Human
Form	Liquid
Isotype	IgG1

Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry (1:200-1:1000) Immunocytochemistry (1:200-1:1000) Flow Cytometry (1:200-1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of Lane 1: MCF-7 cell; Lane 2: Jurkat cell; Lane 3: HepG2 cell and Lane 4: PC-3 cell with MGMT monoclonal antibody.

- Western Blot (Transfected lysate)

Western blot analysis of Lane 1: HEK293 cell; Lane 2: MGMT-hlgGFc transfected HEK293 cell with MGMT monoclonal antibody.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded rectal cancer tissues with MGMT monoclonal antibody.

- Immunocytochemistry

Immunocytochemical staining of HeLa cells with MGMT monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments labeled with Alexa Fluor-555 phalloidin (red).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of MGMT monoclonal antibody, clone 1A11F8.

- Flow Cytometry

Flow cytometric analysis of HeLa cells with MGMT monoclonal antibody (green) and negative control (red).

Gene Info — MGMT

Entrez GeneID

[4255](#)

Gene Name	MGMT
Gene Alias	-
Gene Description	O-6-methylguanine-DNA methyltransferase
Omim ID	156569
Gene Ontology	Hyperlink
Other Designations	O6-methylguanine-DNA methyltransferase OTTHUMP00000020741 methylguanine-DNA methyltransferase

Disease

- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Adenoma](#)
- [Alzheimer Disease](#)
- [Astrocytoma](#)
- [Ataxia telangiectasia](#)
- [Biliary Tract Neoplasms](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cervical Intraepithelial Neoplasia](#)
- [Colon cancer](#)
- [Colonic Polyps](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [DNA Damage](#)
- [Edema](#)
- [Endometrial Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Head and Neck Neoplasms](#)
- [Heartburn](#)
- [Hyperplasia](#)
- [Kidney Failure](#)
- [Laryngeal Neoplasms](#)
- [Leukemia](#)
- [Lung carcinoma](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Micronuclei](#)
- [Microsatellite Instability](#)
- [Mouth Neoplasms](#)
- [Neoplasm Invasiveness](#)

- [Neoplasm Metastasis](#)
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- [Neuroma](#)
- [Neutropenia](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Papillomavirus Infections](#)
- [Pharyngeal Neoplasms](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Spinal Dysraphism](#)
- [Stomach Neoplasms](#)
- [Thrombocytopenia](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Werner syndrome](#)