

## Mouse Monoclonal Antibody to MGMT

<b>Catalogue Number</b>	sAP-1120
<b>Target Molecule</b>	<p><b>Name: MGMT</b></p> <p><b>Aliases:</b></p> <p><b>MW: 21.6kDa</b></p> <p><b>Entrez Gene ID: 4255</b></p>
<b>Description</b>	MGMT 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;
<b>Immunogen</b>	Purified recombinant fragment of human MGMT (AA: 32-210) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM1A11A8;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: ; ICC: ; FCM:
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	Folia Neuropathol. 2013;51(4):275-82. ; Fam Cancer. 2013 Sep;12(3):449-58.;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**