

## Mouse Monoclonal Antibody to MGMT

<b>Catalogue Number</b>	sAP-1174
<b>Target Molecule</b>	<p><b>Name:</b> MGMT</p> <p><b>Aliases:</b> EC 2.1.1.63</p> <p><b>MW:</b> 21.6kDa</p> <p><b>Entrez Gene ID:</b> 4255</p>
<b>Description</b>	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.;
<b>Immunogen</b>	Purified recombinant fragment of human MGMT (AA: 32-210) expressed in E. Coli.
<b>Recombinant Species</b>	Human;
<b>Clone</b>	MM1A11F8;
<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: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.Neuropathology. 2014 Jun;34(3):268-76. ; 2.Clin Cancer Res. 2013 Apr 15;19(8):2265-72.;

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**