

Mouse Monoclonal Antibody to MGMT

Catalogue Number sAP-1120

Target Molecule **Name:** MGMT

Aliases:

MW: 21.6kDa

Entrez Gene ID: 4255

Description 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;

Immunogen Purified recombinant fragment of human MGMT (AA: 32-210) expressed in E. Coli.

Reactive Species Human;

Clone MM1A11A8;

Size and Concentration 100µg/1mg/ml

Supplied as Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide

Reconstitution/Storages Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage

Applications ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: ; ICC: ; FCM:

Shipping Regular FEDEX overnight shipment (ambient temperature)

Reference 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**