

## Mouse Monoclonal Antibody to DNMT1

**Catalogue Number** sAP-1328

**Target Molecule** **Name:** DNMT1

**Aliases:** AIM; DNMT; MCMT; CXXC9; HSN1E; ADCADN

**MW:** 183.2kDa

**Entrez Gene ID:** 1786

**Description** DNA (cytosine-5-)methyltransferase 1 has a role in the establishment and regulation of tissue-specific patterns of methylated cytosine residues. Aberrant methylation patterns are associated with certain human tumors and developmental abnormalities. Two transcript variants encoding different isoforms have been found for this gene.;

**Immunogen** Purified recombinant fragment of human DNMT1 (AA: 1317-1616) expressed in E. Coli.

**Reactive Species** Human;

**Clone** MM2D10G8;

**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: 1 to 200 - 1 to 1000; ICC: ; FCM:

**Shipping** Regular FEDEX overnight shipment (ambient temperature)

**Reference** 1.J Biol Chem. 2013 Jul 5;288(27):19673-84. ; 2.Int J Oncol. 2013 Jul;43(1):228-36.;

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**