

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.
Recombinant 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 H ₂ O, 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**