

Code No. 18871

**Anti-Human
DNMT-1 (DNA Methyltransferase-1) Rabbit IgG Affinity Purify**

Volume : 100 µg

Introduction : The DNMT-1 is one of the enzymes responsible for methylation. Methylation of DNA at cytosine residues plays an important role in regulation of gene expression, genomic imprinting and is essential for mammalian development. Hypermethylation of CpG islands in tumor suppressor genes or hypomethylation of bulk genomic DNA may be linked with development of cancer. It is identified three families of mammalian DNA methyltransferase genes, which include DNMT-1, DNMT-2 and DNMT-3.

Antigen : Synthetic peptide of the C terminal part of Human DNMT-1 (MLAKARESASAKIKE)

Purification : Purified with antigen peptide

Form : Lyophilized product from 1 % BSA in PBS containing 0.05% NaN₃

How to use : 1.0 mL deionized water will be added to the product (the conc. comes up 100 µg /mL)

Stability : Lyophilized product, 5 years at 2 – 8 °C
: Solution, 2 years at –20 °C

Application : This antibody can be used for western blotting in concentration of about 2 µg /mL.

Specificity : Confirmed by western blotting using HeLa, SY and HT-29 cells.