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| Product name: | Dnmt1 Rabbit Monoclonal Antibody |
| Cat number: | MABN21313 |
| Conjugate: | Unconjugated |
| Size: | 100µL |
| Clone: | Monoclonal |
| Concentration: | 1mg/ml |
| Host: | Rabbit |
| Isotype: | IgG,Kappa |
| Immunogen: | A synthetic peptide of human Dnmt1 |
| Reactivity: | Human,Mouse,Rat, |
| Applications: | WB 1:2000-1:10000,IHC 1:1000-1:4000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200 |
| Molecular Weight: | Calculated MW:183kD;Observed MW:183kD |
| Purification: | Protein A |
| Form: | Liquid |
| Buffer: | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA |
| Storage: | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles. |
| Background: | Cell localization:Nucleus.This gene encodes an enzyme that transfers methyl groups to cytosine nucleotides of genomic DNA. This protein is the major enzyme responsible for maintaining methylation patterns following DNA replication and shows a preference for hemi-methylated DNA. Methylation of DNA is an important component of mammalian epigenetic gene regulation. Aberrant methylation patterns are found in human tumors and associated with developmental abnormalities. Variation in this gene has been associated with cerebellar ataxia, deafness, and narcolepsy, and neuropathy, hereditary sensory, type IE. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016], |