

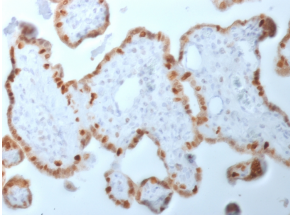
Anti-DNMT1 Antibody [DNMT1/2061] (A248346)

Specifications:

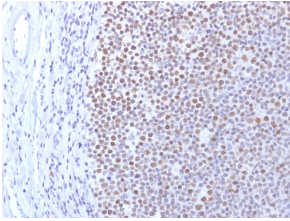
Name:	Anti-DNMT1 Antibody [DNMT1/2061]
Description:	Mouse monoclonal [DNMT1/2061] antibody to DNMT1.
Specificity:	This gene encodes an enzyme that transfers methyl groups to cytosine nucleotides of genomic DNA. This protein is the major enzyme responsible for maintaining methylation patterns following 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.
Applications:	IHC-P
Recommended Dilutions:	IHC-P: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Recombinant fragment, around amino acids 767-912, of human DNMT1 protein. The exact sequence is proprietary.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	DNMT1/2061
Isotype:	IgG2b
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-DNMT1 Antibody [DNMT1/2061] - BSA and Azide free (A251528).
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

Anti-DNMT1 Antibody [DNMT1/2061] (A248346)

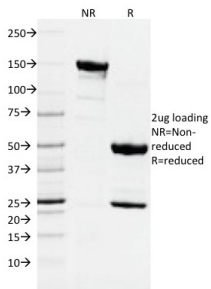
Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human placenta using Anti-DNMT1 Antibody [DNMT1/2061].



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human tonsil using Anti-DNMT1 Antibody [DNMT1/2061].



SDS-PAGE analysis of Anti-DNMT1 Antibody [DNMT1/2061] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.