

Anti-DNMT1 antibody (1-100) [S1MR] (STJ11101761)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IP/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

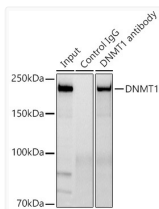
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:4000 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 183kDa Observed Mw: 200kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

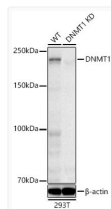
Gene ID	1786
Gene Symbol	DNMT1
UniProt ID	DNMT1_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MPARTAPARVPTLAVPAISL PDDVRRRLKDLERDSLTEKE CVKEKLNLLHEFLQTEIKNQ LCDLETCLRKEELSEEGYLA KVKSLNKNKDSLENGAHAYN
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human DNMT1 (NP_001370.1).

ADDITIONAL INFORMATION

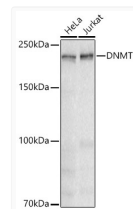
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunoprecipitation analysis of 300 Mu g extracts from Jurkat cells using 3 Mu g [KD Validated] DNMT1 Rabbit monoclonal antibody (STJ11101761). Western blot was performed from the immunoprecipitate using DNMT1 (STJ11101761) at a dilution of 1:1000.



Western blot analysis of lysates from wild type (WT) and DNMT1 knockdown (KD) 293T cells, using [KD Validated] DNMT1 Rabbit monoclonal antibody (STJ11101761) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Western blot analysis of various lysates using [KD Validated] DNMT1 Rabbit monoclonal antibody (STJ11101761) at 1:1000 dilution incubated overnight at 4 °C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30 s.