

Anti-DOT1L antibody (1-100) [S7MR] (STJ11101407)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

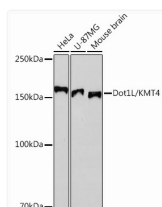
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 165kDa Observed Mw: 170kDa
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	84444
Gene Symbol	DOT1L
UniProt ID	DOT1L_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MGEKLELRKSPVGAEPVY PWPLPVYDKHHDAAEIET IRWVCEEIPDLKLAMENYVL IDYDTKSFESMQRLCDKYNR AIDSIIQLWKGTTPMKLNT
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Dot1L/KMT4 (NP_115871.1).

ADDITIONAL INFORMATION

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



Western blot analysis of various lysates using Dot1L/KMT4 Rabbit mAb (STJ11101407) at 1:1000 dilution.

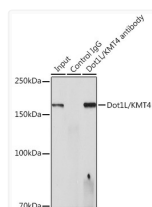
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.

Lysates/proteins: 25 Mu g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit

Exposure time: 10s.



Immunoprecipitation analysis of 300 Mu g extracts from HeLa cells using 3 Mu g Dot1L/KMT4 Rabbit mAb (STJ11101407). Western blot was performed from the immunoprecipitate using Dot1L/KMT4 Rabbit mAb (STJ11101407) at a dilution of 1:1000.