# antibodies -online.com







## anti-DOT1L antibody

**Images** 



#### Overview

Quantity:	100 μL
Target:	DOT1L
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This DOT1L antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

#### **Product Details**

Purpose:	Dot1L/KMT4 Rabbit mAb
Immunogen:	A synthesized peptide derived from human Dot1L/KMT4
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	DOT1L
Alternative Name:	DOT1L (DOT1L Products)
Background:	The protein encoded by this gene is a histone methyltransferase that methylates lysine-79 of

## **Target Details**

Molecular Weight:

Gene ID:

UniProt:

histone H3. It is inactive against free core histones, but shows significant histone
methyltransferase activity against nucleosomes. [provided by RefSeq, Aug 2011],DOT1,
KMT4,DNA Damage & Repair,Epigenetic writers and erasers of core Histones,Epigenetic writers
and erasers of core Histones_Methylation,Epigenetics & Nuclear Signaling,DOT1L
185kDa
84444

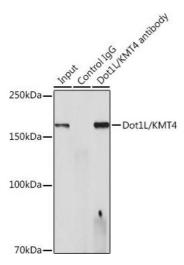
## **Application Details**

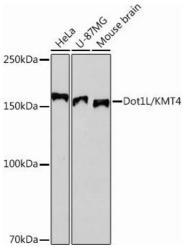
Q8TEK3

Application Notes:	WB,1:500 - 1:2000,IP,1:50 - 1:200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.





#### **Immunoprecipitation**

**Image 1.** Immunoprecipitation analysis of 300  $\mu$ g extracts of HeLa cells using 3  $\mu$ g Dot1L/KMT4 antibody (ABIN7266837). Western blot was performed from the immunoprecipitate using Dot1L/KMT4 antibody (ABIN7266837) at a dilition of 1:1000.

#### **Western Blotting**

Image 2. Western blot analysis of extracts of various cell lines, using Dot1L/KMT4 Rabbit mAb (ABIN7266837) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit lgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 μg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 10s.