

## Anti-DOT1L Antibody (6U296)

### Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	6U296
Purification:	Affinity-chromatography

### Applications

Verified Activity:	1. Western Blot
	-Positive WB detected in: A549 whole cell lysate, HeLa whole cell lysate, 293T whole cell lysate -All lanes: DOT1L antibody at 1:1000 -Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution -Predicted band size: 165 kDa -Observed band size: 165 kDa
	2. Immunofluorescence staining of HeLa cell with TMAH-00361 at 1:30, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).
Application:	ELISA,WB
Recommended	WB:1:500-1:5000.

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthetic peptide: Human KMT4 / Dot1L
Antigen Species:	Human
Gene ID:	84444
Uniprot ID:	Q8TEK3
Synonyms:	KMT4;DOT1-like histone H3K79 methyltransferase;DOT1
Biology Area:	Epigenetics and Nuclear Signaling

### Research Background

Histone methyltransferase. Methylates 'Lys-79' of histone H3. Nucleosomes are preferred as substrate compared to free histones. Binds to DNA.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481