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Datasheet for ABIN6978349

anti-DOT1L antibody (AA 51-150) (Alexa Fluor 555)

Overview

Quantity:	100 µL
Target:	DOT1L
Binding Specificity:	AA 51-150
Reactivity:	Human, Mouse, Rat, Green Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DOT1L antibody is conjugated to Alexa Fluor 555
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DOT1L
Isotype:	IgG
Cross-Reactivity:	Green Monkey, Human, Mouse, Rat
Predicted Reactivity:	Cow, Sheep
Purification:	Purified by Protein A.

Target Details

Target:	DOT1L
Alternative Name:	DOT1L (DOT1L Products)

Target Details

Background: Synonyms: DOT1, KMT4, Histone-lysine N-methyltransferase, H3 lysine-79 specific, DOT1-like protein, Histone H3-K79 methyltransferase, H3-K79-HMTase, Lysine N-methyltransferase 4, DOT1L, KIAA1814

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

Gene ID: 84444

UniProt: [Q8TEK3](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months
