

Anti-KMT4 Rabbit Monoclonal Antibody

Introduction

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

Product parameters

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|--------------------|---|
| Alternative Names | DOT 1; DOT1L; KMT4; Histone methyltransferase DOT1L; H3 lysine-79 specific |
| Gene ID | 84444 |
| Gene Name | DOT1L |
| SwissProt ID | Q8TEK3 |
| Host | Rabbit |
| Reactivity | Human, Mouse |
| Molecular Weight | Calculated MW: 165 kDa; Observed MW: 185 kDa |
| Conjugation | Unconjugated |
| Ex | - |
| Em | - |
| Modification | Unmodified |
| Clonality | IgG |
| Isotype | Monoclonal Antibody |
| Clonality No. | AP-13E5G11 |
| Form | Liquid |
| Concentration | See label |
| Carrier | Carrier Free |
| Immunogen | A synthesized peptide derived from human KMT4 / Dot1L |
| Purification | Affinity Chromatography |
| Buffer System | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Application | WB |
| Dilution Ratio | WB: 1/500-1/1000 |
| Research Field | Epigenetics and Nuclear Signaling |
| Product Categories | Primary antibody |
| Shipping | Blue ice |
| Storage | -20°C |

| | |
|-----------------|----------------------------------|
| Expiration Date | 12 months |
| Note | Please avoid freeze-thaw cycles. |

Protocol

Configure the product according to the application range and recommended dilution ratio.

***Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.



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