

Datasheet for ABIN210920

## **anti-Lysine (K)-Specific Methyltransferase 2A (KMT2A) (AA 3084-3959) antibody**



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### Overview

Quantity:	200 µg
Target:	Lysine (K)-Specific Methyltransferase 2A (KMT2A)
Binding Specificity:	AA 3084-3959
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

### Product Details

Immunogen:	MBP fusion protein corresponding to residues 3084-3959 of human mixed lineage leukemia (MLL).  Type of Immunogen: Fusion protein
Clone:	4H354
Isotype:	IgG1
Specificity:	Recognizes the C-terminal proteolytic fragment of human MLL (MLLC), Mr ~180kD. Species cross-reactivity: Human and mouse.
Purification:	Protein G purified

## Target Details

Target:	Lysine (K)-Specific Methyltransferase 2A (KMT2A)
Alternative Name:	KMT2A / MLL ( <a href="#">KMT2A Products</a> )
Background:	<p>Name/Gene ID: KMT2A</p> <p>Synonyms: KMT2A, ALL1, CDK6/MLL fusion protein, FLJ11783, HRX, HTRX, HTRX1, Lysine N-methyltransferase 2A, MLL1A, MLL/GAS7, MLL1, ALL-1, MLL, MLL/GAS7 fusion protein, TRX1, WDSTS, Trithorax-like protein, Zinc finger protein HRX, CXXC7, MLL-AF4 der(11) fusion protein, MLL/GMPS fusion protein, TET1-MLL</p>
Gene ID:	4297
UniProt:	<a href="#">Q03164</a>
Pathways:	<a href="#">Warburg Effect</a>

## Application Details

Application Notes:	<p>Approved: IP, WB (0.1 - 1 µg/mL)</p> <p>Usage: Suitable for use in Western Blot and Immunoprecipitation. Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and a chemiluminescence detection system. Immunoprecipitation: Reported by an independent laboratory to immunoprecipitate MLLC from nuclear extracts. The N-terminal fragment, MLLN (300kD), is also co-immunoprecipitated by this antibody.</p>
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	0.1 M Tris-glycine, pH 7.4, 0.15 M sodium chloride, 0.05 % sodium azide, 30 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.

Handling

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Storage:	4 °C,-20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.