

DATASHEET

MLL3 Mouse Monoclonal Antibody(C3950)

CAT. NO. AMA03562

KEY FEATURES

Target	MLL3	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Histone methyltransferase that catalyzes methyl group transfer from S-adenosyl-L-methionine to the epsilon-amino group of 'Lys-4' of histone H3 (H3K4) . Part of chromatin remodeling machinery predominantly forms H3K4me1 methylation marks at active chromatin sites where transcription and DNA repair take place . Likely plays a redundant role with KMT2D in enriching H3K4me1 mark on primed and active enhancer elements .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

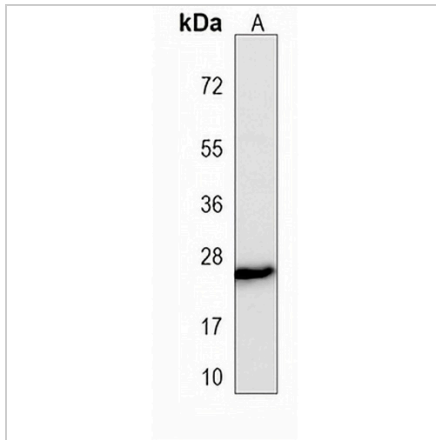
Description	Mouse monoclonal antibody to MLL3
Specificity	Recognizes endogenous levels of MLL3 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human MLL3. The exact sequence is proprietary.
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 541 kD; Observed: 28 kD
Form/Buffer	Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	HALR; KIAA1506; MLL3; Histone-lysine N-methyltransferase 2C; Lysine N-methyltransferase 2C; Homologous to ALR protein; Myeloid/lymphoid or mixed-lineage leukemia protein 3
Gene Symbol	KMT2C
Entrez Gene	58508(Human)
SwissProt	Q8NEZ4(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of MLL3 expression in recombinant protein (A) whole cell lysates.
(Predicted band size: 541 kD; Observed band size: 28 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.