

Product Datasheet

KMT2A/MLL Antibody - BSA Free NB600-256

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB600-256

KMT2A/MLL Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

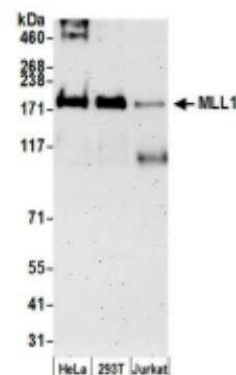
Product Description	
Host	Rabbit
Gene ID	4297
Gene Symbol	KMT2A
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residues 2725 and 2775 of human myeloid/lymphoid or mixed-lineage leukemia 1 using the number given in Swiss-Prot entry Q03164 (GeneID 4297).

Product Application Details	
Applications	Western Blot, Simple Western, Flow Cytometry, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:2000-1:10000, Simple Western 1:10, Flow Cytometry, Immunoprecipitation 2-5 ug/mg of lysate, Chromatin Immunoprecipitation (ChIP) 1-5 ug/ml
Application Notes	KMT2A/MLL antibody validated for FLOW from a verified customer review.

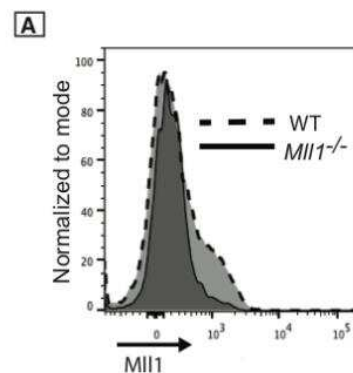


Images

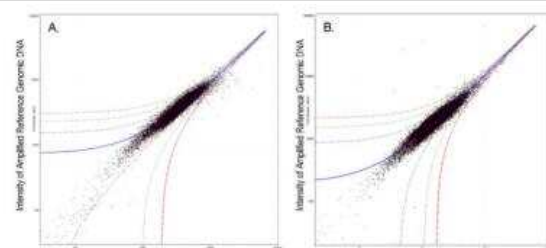
Western Blot: KMT2A/MLL Antibody [NB600-256] - Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-MLL1 antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



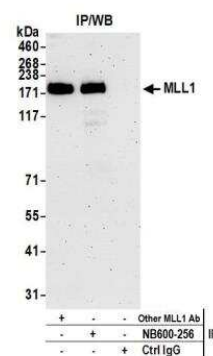
Flow Cytometry: KMT2A/MLL Antibody [NB600-256] - Flow cytometry testing of KMT2A/MLL antibody on murine WT and Mll1^{-/-} CD4 T cells that were stimulated in-vitro with anti-CD3/ -CD28 antibodies. Image submitted by our verified customer (see Review section for additional details).



Chromatin Immunoprecipitation: KMT2A/MLL Antibody [NB600-256] - A. 10 ug of was used to immunoprecipitate chromatin from K562 cells according to Ren et al (Genes Dev. 2002 16: 245-256).



Immunoprecipitation: KMT2A/MLL Antibody [NB600-256] - Detection of human MLL1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-MLL1 antibody NB600-256 used for IP at 3 ug per reaction. MLL1 was also immunoprecipitated by another rabbit anti-MLL1 antibody. For blotting immunoprecipitated MLL1, NB600-256 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Publications

Zhang L, Ye F, Zuo Z et al. Long noncoding RNA TPT1-AS1 promotes the progression and metastasis of colorectal cancer by upregulating the TPT1-mediated FAK and JAK-STAT3 signalling pathways Aging (Albany NY) 2021-02-15 [PMID: 33428595] (Immunoprecipitation)

Jang M, An J, Oh SW et al. Matrix stiffness epigenetically regulates the oncogenic activation of the Yes-associated protein in gastric cancer Nature biomedical engineering 2020-12-07 [PMID: 33288878]

Schaller M, Ito T, Allen RM et al. Epigenetic regulation of IL-12-dependent T cell proliferation. J Leukoc Biol 2015-06-09 [PMID: 26059830]

Park UH, Yoon SK, Park T et al. Additional sex comb-like (ASXL) proteins 1 and 2 play opposite roles in adipogenesis via reciprocal regulation of peroxisome proliferator-activated receptor {gamma}. J Biol Chem 2011-01-01 [PMID: 21047783]





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Products Related to NB600-256

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-55237PEP	KMT2A/MLL Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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