

Product Datasheet

KMT2A/MLL Antibody - BSA Free NB600-249

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB600-249

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)

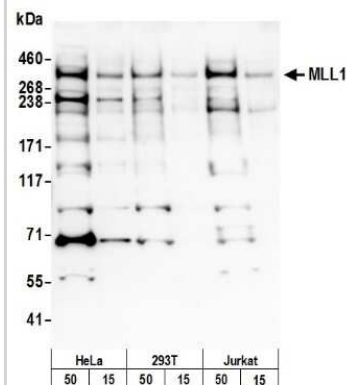
Product Description	
Host	Rabbit
Gene ID	4297
Gene Symbol	KMT2A
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residues 1320 and 1380 of human myeloid/lymphoid or mixed-lineage leukemia 1 using the number given in Swiss-Prot entry Q03164 (GeneID 4297).

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000 - 1:10000, Immunoprecipitation 2-10 ug/mg lysate
Application Notes	Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

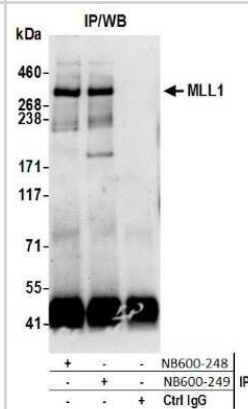


Images

Western Blot: KMT2A/MLL Antibody [NB600-249] - Samples: Nuclear Extract (15 and 50 ug) from HeLa, 293T, and Jurkat cells. **Antibody:** Affinity purified rabbit anti-MLL1 antibody used for WB at 0.1 ug/ml. **Detection:** Chemiluminescence with an exposure time of 3 minutes.



Immunoprecipitation: KMT2A/MLL Antibody [NB600-249] - Samples: Nuclear Extract (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells. **Antibodies:** Affinity purified rabbit anti-MLL1 antibody NB600-249 used for IP at 6 ug per reaction. MLL1 was also immunoprecipitated by rabbit anti-MLL1 antibody NB600-248. For blotting immunoprecipitated MLL1, NB600-249 was used at 1 ug/ml. **Detection:** Chemiluminescence with an exposure time of 30 seconds.



Publications

Rampalli S, Li L, Mak E et al. p38 MAPK signaling regulates recruitment of Ash2L-containing methyltransferase complexes to specific genes during differentiation. *Nat Struct Mol Biol* 2007-12-01 [PMID: 18026121]



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Products Related to NB600-249

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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