

Product Datasheet

MBD1 Antibody (100B272.1) - Azide and BSA Free NBP2-33221

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-33221

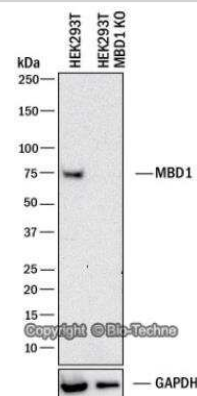
MBD1 Antibody (100B272.1) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	100B272.1
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse MBD1 Antibody (100B272.1) - Azide and BSA Free (NB100-56537) is a monoclonal antibody validated for use in WB, IP and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4152
Gene Symbol	MBD1
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 25798578)
Specificity/Sensitivity	There are many isoforms of human MBD1 ranging from 503 (~ 55kD) to 655 (~ 71kD) amino acids in length. Researchers are encouraged to use the provided immunogen sequence to determine if this antibody is suitable for testing a specific isoform of interest.
Immunogen	This antibody was generated by immunizing mice with a synthetic peptide corresponding to amino acids 391-405 (SESEDGAGSPPPYRR) of human MBD1; GenBank no ref NP_056671.2
Product Application Details	
Applications	Western Blot, Chromatin Immunoprecipitation, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP), Knockdown Validated
Recommended Dilutions	Western Blot 2-4 ug/ml, Chromatin Immunoprecipitation 1:10-1:500. Use reported in scientific literature (PMID 25798578), Immunoprecipitation 1:10-1:500. Use reported in scientific literature (PMID 15327775), Chromatin Immunoprecipitation (ChIP) 1:10-1:500, Knockdown Validated

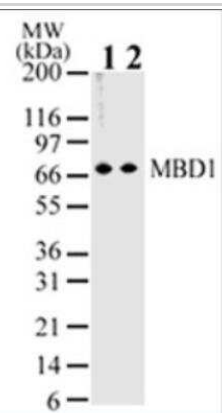


Images

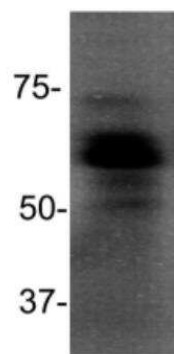
Western Blot: MBD1 Antibody (100B272.1) - Azide and BSA Free [NBP2-33221] - Western blot shows lysates of HEK293T human embryonic kidney parental cell line and MBD1 knockout (KO) HEK293T cell line. PVDF membrane was probed with 2.0 ug/ml of Mouse Anti-Human MBD1 Monoclonal Antibody (Catalog # NBP2-33221) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog #HAF018). Specific band was detected for MBD1 at approximately 60 kDa (as indicated) in the parental HEK293T cell line, but is not detectable in the knockout HEK293T cell line. This experiment was conducted under reducing conditions.



Western Blot: MBD1 Antibody (100B272.1) - Azide and BSA Free [NBP2-33221] - Analysis of MBD1 in HeLa lysate using MBD1 antibody at 2 ug/ml (lane 1) and 1 ug/ml (lane 2).



Western Blot: MBD1 Antibody (100B272.1) - Azide and BSA Free [NBP2-33221] - Analysis of Jurkat cell lysate using anti-MBD1 antibody. Image from verified customer review.





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Products Related to NBP2-33221

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-68876PEP	MBD1 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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