

Product Datasheet

MBD1 Antibody - BSA Free

NBP2-59293

Unit Size: 50 ug

Store at -20C. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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NBP2-59293

MBD1 Antibody - BSA Free

Product Information

Unit Size	50 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide and 0.05% ProClin 300
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS

Product Description

Description	Novus Biologicals Rabbit MBD1 Antibody - BSA Free (NBP2-59293) is a polyclonal antibody validated for use in WB, ELISA and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4152
Gene Symbol	MBD1
Species	Human, Mouse
Immunogen	The exact immunogen is proprietary information.

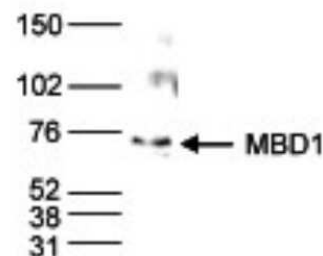
Product Application Details

Applications	Western Blot, ELISA, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:500, ELISA 1:1000, Chromatin Immunoprecipitation (ChIP) 1.5 ug

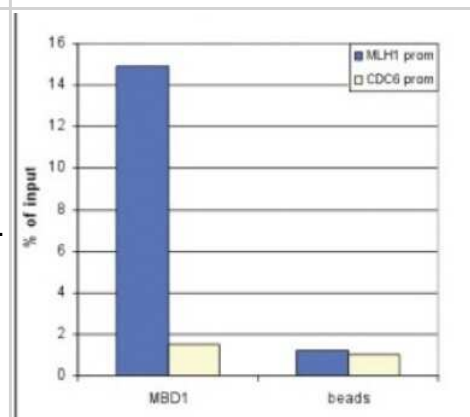


Images

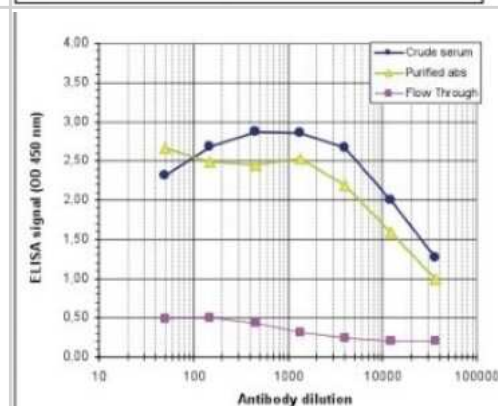
Western Blot: MBD1 Antibody [NBP2-59293] - Nuclear extracts of HeLa cells (40 ug) were analysed by Western blot using the antibody against MBD1 diluted 1:500 in TBS-Tween containing 5% skimmed milk. The position of the protein of interest is indicated on the right, the marker (kDa) is shown on the left.



Chromatin Immunoprecipitation: MBD1 Antibody [NBP2-59293] - ChIP assays were performed using human osteosarcoma (U2OS) cells, the antibody against MBD1 and optimized PCR primer sets. Sheared chromatin from 1×10^6 cells and 1.5 ug of antibody were used per ChIP experiment. Beads only were used as a negative IP control. Quantitative PCR was performed with primers for the promoters of the MLH1 gene (used as a positive control) and CDC6 gene (used as a negative control). Figure shows the recovery, expressed as a % of input (the relative amount of immunoprecipitated DNA compared to input DNA after qPCR analysis).



ELISA: MBD1 Antibody [NBP2-59293] - To determine the titer of the antibody, an ELISA was performed using a serial dilution of the antibody directed against human MBD1, crude serum and Flow Through. The plates were coated with the peptide used for immunization of the rabbit. By plotting the absorbance against the antibody dilution, the titer of the purified antibody was estimated to be 1:20,000.





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Products Related to NBP2-59293

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-68876PEP	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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