

# Product Datasheet

## MBD2 Antibody NB100-81657

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 3

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**NB100-81657**

## MBD2 Antibody

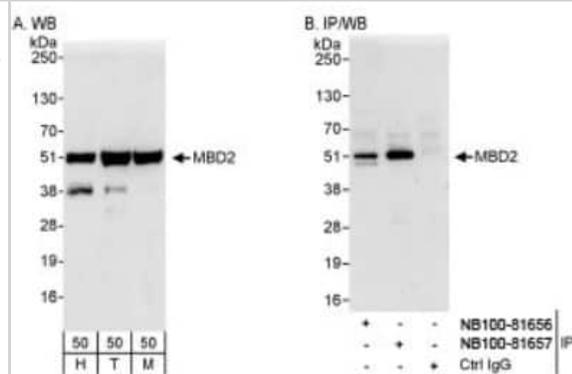
Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA

Product Description	
Description	Novus Biologicals Rabbit MBD2 Antibody (NB100-81657) is a polyclonal antibody validated for use in IHC, WB, IP and ChIP. Anti-MBD2 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8932
Gene Symbol	MBD2
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 361 to 411 of human methyl-CpG binding domain protein 2 using the numbering given in entry NP_003918.1 (GeneID 8932).

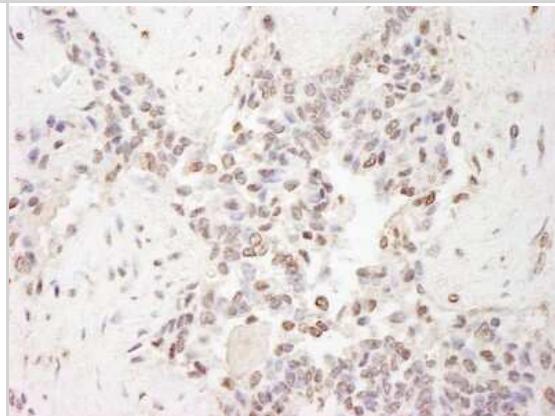
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunohistochemistry 1:100 - 1:500, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin 1:100-1:500, Chromatin Immunoprecipitation (ChIP)
Application Notes	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. Use in chromatin immunoprecipitation reported in scientific literature (PMID: 29907651).

## Images

Western Blot: MBD2 Antibody [NB100-81657] - Detection of Human and Mouse MBD2 on HeLa whole cell lysate using NB100-81657. MBD2 was also immunoprecipitated by rabbit anti-MBD2 antibody NB100-81656.



Immunohistochemistry-Paraffin: MBD2 Antibody [NB100-81657] - Section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-MBD2 used at a dilution of 1:200 (1ug/ml). Detection: DAB



## Publications

Day RN, Day KH, Pavalko FM Direct visualization by FRET-FLIM of a putative mechanosome complex involving Src, Pyk2 and MBD2 in living MLO-Y4 cells PloS one 2021-12-23 [PMID: 34941939]

Zhao Z, SentUrk N, Song C, Grummt I lncRNA PAPAS tethered to the rDNA enhancer recruits hypophosphorylated CHD4/NuRD to repress rRNA synthesis at elevated temperatures Genes Dev. 2018-05-31 [PMID: 29907651] (Chemotaxis, Human)

Kim Jy, Kwak Pb, Weitz Cj. Specificity in Circadian Clock Feedback from Targeted Reconstitution of the nuRD Corepressor. Mol. Cell. 2014-11-20 [PMID: 25453762]



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NB100-81657**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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