

Product Datasheet

5-hmC Antibody (513) - Azide and BSA Free NBP2-43568

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-43568

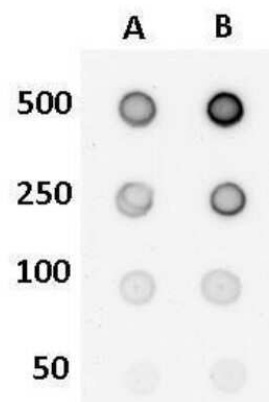
5-hmC Antibody (513) - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	513
Preservative	No Preservative
Isotype	IgG2b
Purity	Protein G purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse 5-hmC Antibody (513) - Azide and BSA Free (NBP2-43568) is a monoclonal antibody validated for use in IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Non-species specific
Immunogen	The immunogen used to generate this antibody corresponds to 5-hmC
Product Application Details	
Applications	Dot Blot, Immunoprecipitation, Methylated DNA Immunoprecipitation
Recommended Dilutions	Immunoprecipitation, Dot Blot 1:100 - 1:2000, Methylated DNA Immunoprecipitation

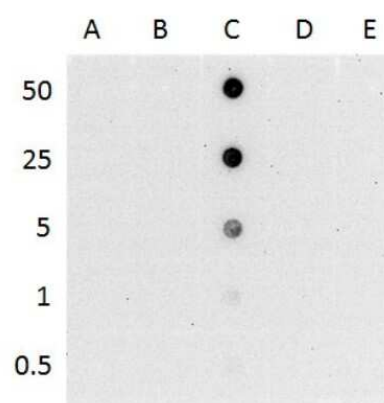


Images

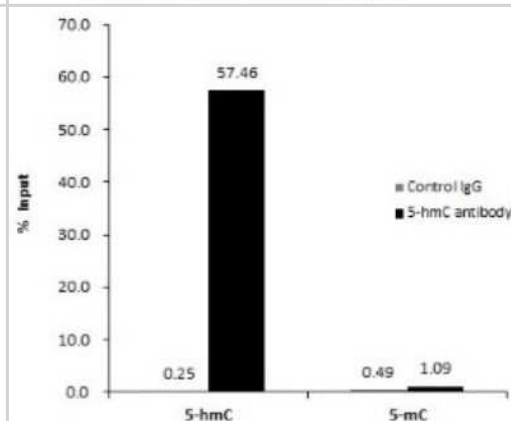
Dot Blot: 5-hmC Antibody (513) [NBP2-43568] - Analysis of anti- 5-Hydroxymethylcytosine / 5-hmC antibody [513] with DNA samples DNA samples (50 to 500 ng as indicated) were spotted onto positively charged nylon membrane and blotted with 5-Hydroxymethylcytosine / 5-hmC antibody [513] at a dilution of 1:500. A: Genomic DNA derived from 293T cells. B: Genomic DNA derived from human TET-1 transfected 293T cells.



Dot Blot: 5-hmC Antibody (513) [NBP2-43568] - Analysis of anti-5-hmC antibody with the synthetic DNA controls . DNA samples (0.5 to 50 ng as indicated) were spotted onto the positively charged Nylon membrane and blotted with 5-hmC antibody at a dilution of 1:500. A: Unmethylated DNA fragment B: DNA fragment containing 5-methylcytosine C: DNA fragment containing 5-hydroxymethylcytosine D: DNA fragment containing 5-formylcytosine E: DNA fragment containing 5-carboxylcytosine.



Methylated DNA Immunoprecipitation: 5-hmC Antibody (513) [NBP2-43568] - Analysis of Human genomic DNA (500 ng) mixed with methylated cytosine standard kit, using 5-Hydroxymethylcytosine/ 5-hmC antibody [513] at 1:500 dilution. Analyzed with semi-quantitative PCR and Immunoprecipitated DNA was plotted as % of input DNA.





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Products Related to NBP2-43568

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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