

Product Datasheet

5-hmC Antibody (13612) - Azide and BSA Free NBP2-42219

Unit Size: 0.1 ml

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

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NBP2-42219

5-hmC Antibody (13612) - Azide and BSA Free

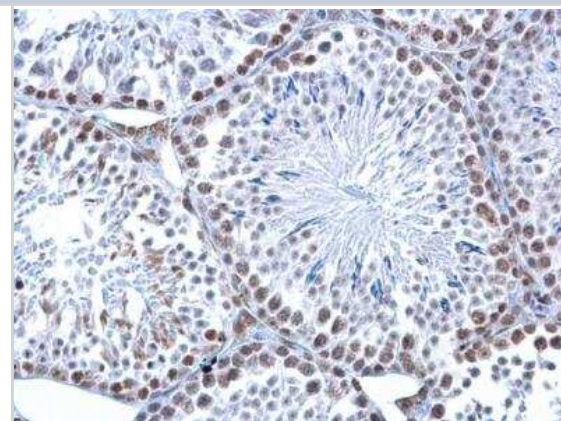
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	13612
Preservative	No Preservative
Isotype	IgG2b
Purity	Antigen Affinity-purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Mouse 5-hmC Antibody (13612) - Azide and BSA Free (NBP2-42219) is a monoclonal antibody validated for use in IHC and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Non-species specific
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Immunogen	The immunogen used to generate this antibody corresponds to 5-HydroxymethylCytosine / 5-hmC

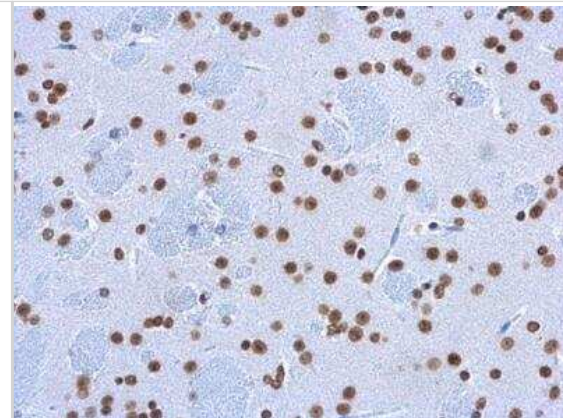
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Dot Blot, Electron Microscopy, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Methylated DNA Immunoprecipitation
Recommended Dilutions	Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen, Dot Blot, Electron Microscopy, Methylated DNA Immunoprecipitation
Application Notes	IHC-FR, DOT, EM, MEDIP-Assay dependent

Images

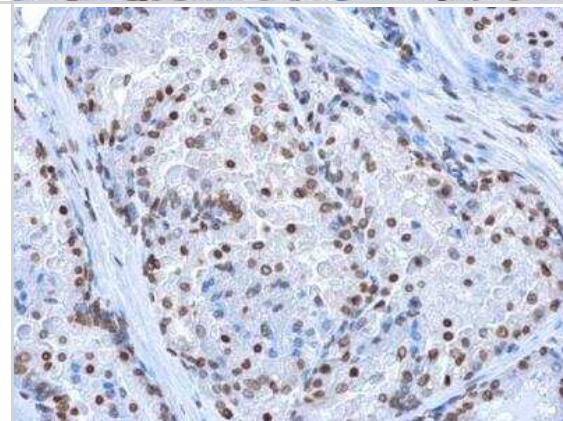
Immunohistochemistry-Paraffin: Antibody (GT13612) - Detection of protein at nucleus on mouse testis. Dilution: 1:100



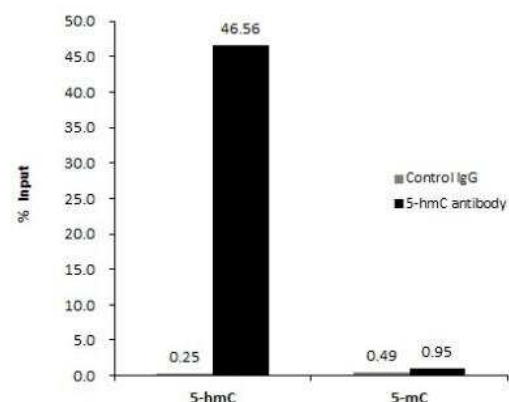
Immunohistochemistry-Paraffin: Antibody (GT13612) - Detection of protein at nucleus on mouse fore brain. Dilution 1:100



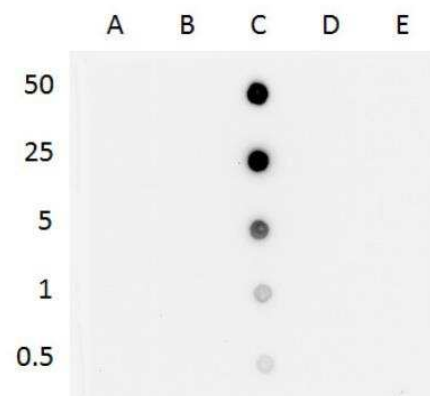
Immunohistochemistry-Paraffin: Antibody (GT13612) - Detection of protein at nucleus on mouse prostate. Dilution: 1:100



Methylated DNA Immunoprecipitation: Antibody (GT13612) - Human genomic DNA (500 ng) mixed with methylated cytosine standard kit were subjected to MeDIP at dilution of 1:500 and analyzed with semi-quantitative PCR. The immunoprecipitated DNA was plotted as % of input DNA.



Dot Blot: Antibody (GT13612) - Analysis of 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.





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Products Related to NBP2-42219

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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