

# Product Datasheet

## MeCP2 Antibody (5H12) - BSA Free NBP2-60787

Unit Size: 100 ul

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

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**NBP2-60787**

MeCP2 Antibody (5H12) - BSA Free

Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	5H12
<b>Preservative</b>	5mM Sodium Azide
<b>Isotype</b>	IgG2b
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS with 50% glycerol
<b>Target Molecular Weight</b>	75 kDa

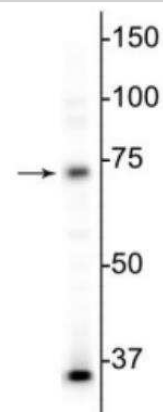
Product Description	
<b>Description</b>	Novus Biologicals Mouse MeCP2 Antibody (5H12) - BSA Free (NBP2-60787) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	4204
<b>Gene Symbol</b>	MECP2
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	Specific for endogenous levels of the MeCP2 protein. Due to usually high charge, the protein runs at ~75 kDa in SDS-PAGE of mouse brain lysates.
<b>Immunogen</b>	Full length human recombinant MeCP2. Accession # P51608

Product Application Details	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500

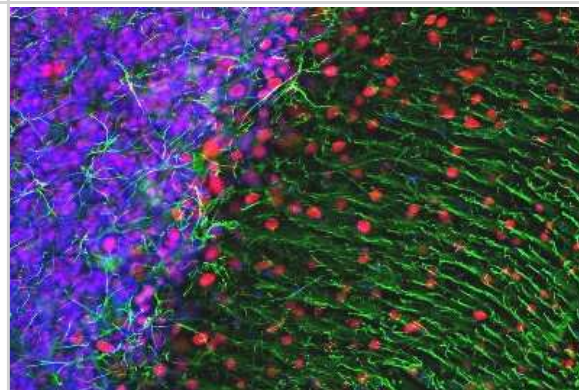


## Images

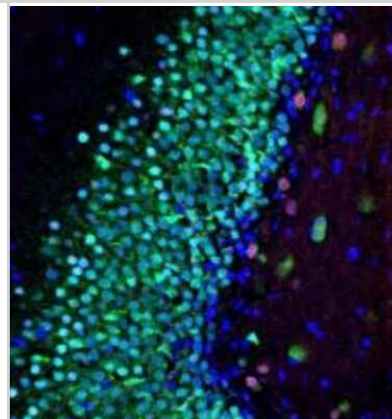
Western Blot: MeCP2 Antibody (5H12) [NBP2-60787] - Western blot of mouse whole brain lysate showing specific immunolabeling of the MeCP2 protein at ~75 kDa.



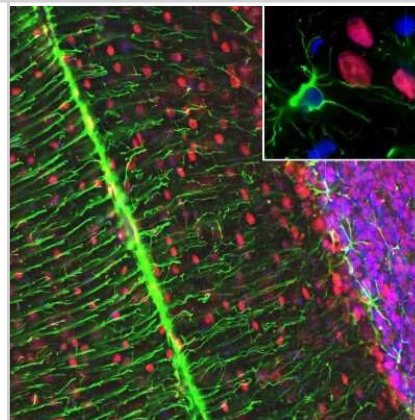
Immunocytochemistry/Immunofluorescence: MeCP2 Antibody (5H12) [NBP2-60787] - Immunofluorescence of a section of rat cerebellum labeled with anti-MeCP2 (1:500, red), colabeled with anti-GFAP (1:5000, green), and DAPI staining of nuclear DNA. The anti-GFAP labels the astrocytic cells and the processes of Bergmann glia in the molecular layer.



Immunocytochemistry/Immunofluorescence: MeCP2 Antibody (5H12) [NBP2-60787] - Rat hippocampal section showing specific nuclear MeCP2 immunolabeling in red and FOX3 in green.



Immunocytochemistry/Immunofluorescence: MeCP2 Antibody (5H12) [NBP2-60787] - Immunofluorescence of a section of rat cerebellum showing specific labeling of MeCP2 (1:1000, red) in nuclei of neurons and specific labeling of GFAP (1:5000, green) in the network of astroglial cells and projections of Bergmann glia, and Hoechst staining of nuclear DNA.





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### **Products Related to NBP2-60787**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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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