# Product Datasheet

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

Unit Size: 100 ul

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

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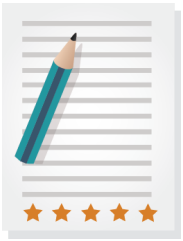


# NBP2-60787

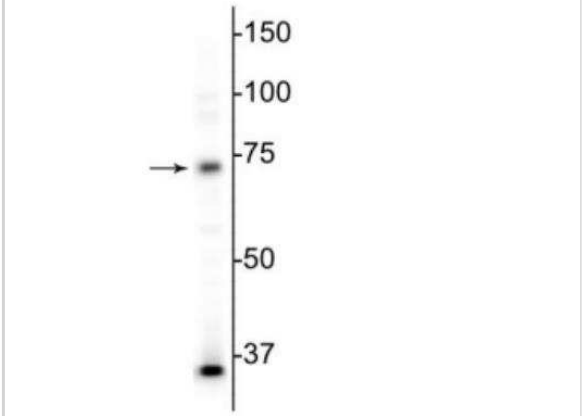
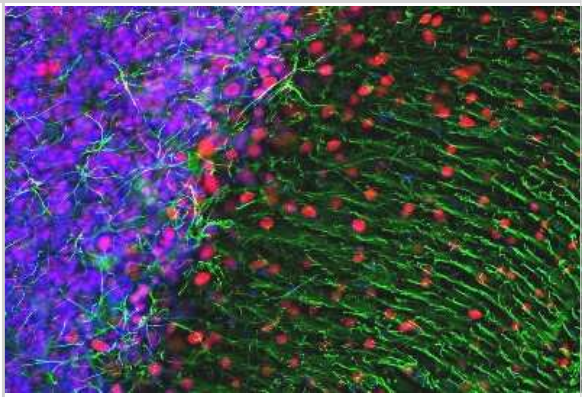
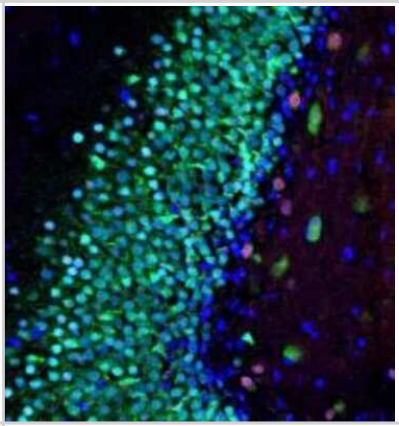
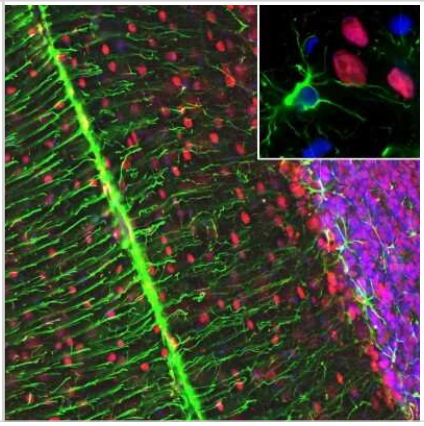
MeCP2 Antibody (5H12) - BSA Free

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

| Product Description | |
|---|---|
| **Description** | 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. |
| **Host** | Mouse |
| **Gene ID** | 4204 |
| **Gene Symbol** | MECP2 |
| **Species** | Human, Mouse, Rat |
| **Specificity/Sensitivity** | 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. |
| **Immunogen** | Full length human recombinant MeCP2. Accession # P51608 |

| Product Application Details | |
|---|---|
| **Applications** | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry |
| **Recommended Dilutions** | 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

| | |
|---|---|
| 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) |
| H00004204-Q01-10ug | Recombinant Human MeCP2 GST (N-Term) Protein |

**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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