

# Product Datasheet

## MAP2 Antibody (HL1656) - Azide and BSA Free NBP3-25555

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-25555**

MAP2 Antibody (HL1656) - Azide and BSA Free

| Product Information |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size           | 100 ul                                                                                                           |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| Clonality           | Monoclonal                                                                                                       |
| Clone               | HL1656                                                                                                           |
| Preservative        | No Preservative                                                                                                  |
| Isotype             | IgG                                                                                                              |
| Purity              | Protein A purified                                                                                               |
| Buffer              | PBS                                                                                                              |

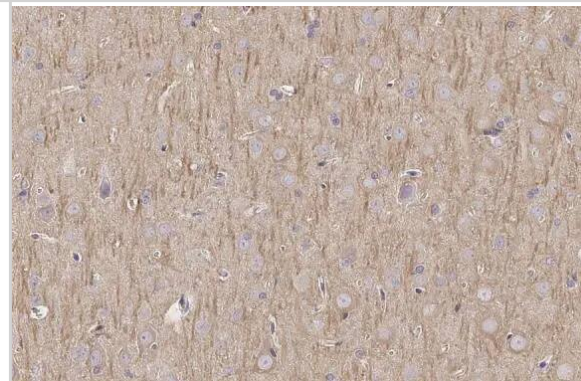
| Product Description |                                                                                                                                                                                                                                 |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Rabbit MAP2 Antibody (HL1656) - Azide and BSA Free (NBP3-25555) is a recombinant monoclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Rabbit                                                                                                                                                                                                                          |
| Gene ID             | 4133                                                                                                                                                                                                                            |
| Gene Symbol         | MAP2                                                                                                                                                                                                                            |
| Species             | Mouse, Rat                                                                                                                                                                                                                      |
| Immunogen           | Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of mouse MAP2. The exact sequence is proprietary.                                                                             |

| Product Application Details |                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------|
| Applications                | Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry              |
| Recommended Dilutions       | Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:100-1:1000 |

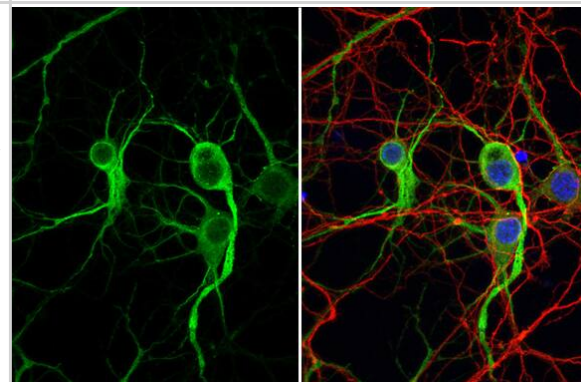


## Images

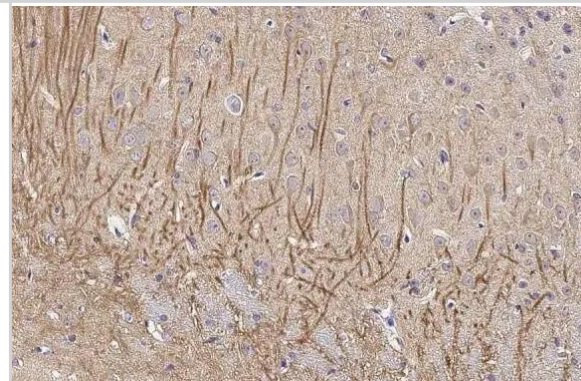
Immunohistochemistry-Paraffin: MAP2 Antibody (HL1656) - Azide and BSA Free [NBP3-25555] - MAP2 antibody [HL1656] detects MAP2 protein at cell membrane and cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded rat brain. MAP2 stained by MAP2 antibody [HL1656] (NBP3-25555) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Immunocytochemistry/Immunofluorescence: MAP2 Antibody (HL1656) - Azide and BSA Free [NBP3-25555] - MAP2 antibody [HL1656] detects MAP2 protein in dendrites, but not in axons, by immunofluorescent analysis. Sample: DIV9 rat E18 primary hippocampal neuron cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: MAP2 stained by MAP2 antibody [HL1656] (NBP3-25555) diluted at 1:250. Red: Tau, an axon marker, stained by Tau antibody [GT287] diluted at 1:500. Blue: Fluoroshield with DAPI .



Immunohistochemistry-Paraffin: MAP2 Antibody (HL1656) - Azide and BSA Free [NBP3-25555] - MAP2 antibody [HL1656] detects MAP2 protein at cell membrane and cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse brain. MAP2 stained by MAP2 antibody [HL1656] (NBP3-25555) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min





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### **Products Related to NBP3-25555**

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|                    |                                                     |
|--------------------|-----------------------------------------------------|
| HAF008             | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160             | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891         | Rabbit IgG Isotype Control                          |
| H00004133-P01-10ug | Recombinant Human MAP2 GST (N-Term) Protein         |

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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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