

Product Datasheet

MAP2 Antibody (HM-2) - BSA Free NB120-11267

Unit Size: 0.05 ml

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

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NB120-11267

MAP2 Antibody (HM-2) - BSA Free

| Product Information | |
|--------------------------------|--|
| Unit Size | 0.05 ml |
| Concentration | 2.0 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | HM-2 |
| Preservative | 0.09% Sodium Azide |
| Isotype | IgG1 |
| Purity | Protein A or G purified |
| Buffer | 10mM PBS (pH 7.4) |
| Target Molecular Weight | 280 kDa |
| Product Description | |
| Description | Novus Biologicals Mouse MAP2 Antibody (HM-2) - BSA Free (NB120-11267) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-MAP2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Mouse |
| Gene ID | 4133 |
| Gene Symbol | MAP2 |
| Species | Human, Mouse, Rat, Avian, Bovine, Chicken |
| 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. |
| Marker | Neuronal Dendritic Marker |
| Specificity/Sensitivity | Reacts with all known forms of MAP2, namely MAP2a, MAP2b and MAP2c. Does not cross-react with other MAPs or tubulin. By immunohistochemical staining of formalin-fixed, paraffin-embedded brain tissue, the antibody shows selective labeling of dendritic trees throughout the brain. |
| Immunogen | This MAP2 antibody was developed against rat brain microtubule associated proteins (MAPs). |
| Product Application Details | |
| Applications | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Microarray |
| Recommended Dilutions | Western Blot 1-2 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Microarray |
| Application Notes | In WB, detects a band of approximately 280 kDa. |

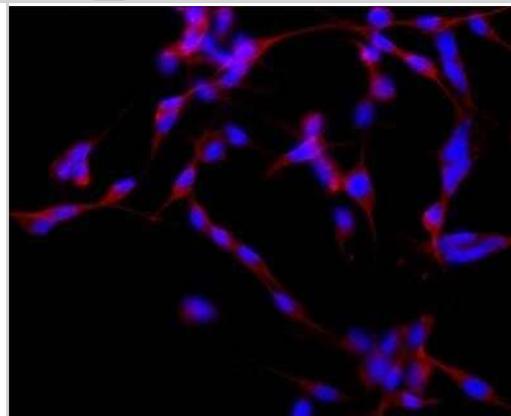


Images

Western Blot: MAP2 Antibody (HM-2) [NB120-11267] - Rat brain extract (adult and newborn) was separated on SDS-PAGE and probed with Monoclonal PA To MAP2 (MO) CL:HM-2 . The antibody was developed with AlkPhos APA Mouse Fab ads HIgG and a NBTBCIP substrate. Observed molecular weight is 280 kDa.



Immunocytochemistry/Immunofluorescence: MAP2 Antibody (HM-2) [NB120-11267] - B35 cells.



Publications

Wosczyzna MN, Konishi CT, Perez Carbajal EE et al. Reciprocal Activation within a Kinase-Effector Complex Underlying Persistence of Structural LTP Neuron 2019-05-08 [PMID: 31078368]



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Products Related to NB120-11267

| | |
|------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |
| NB120-11267AF405 | MAP2 Antibody (HM-2) [Alexa Fluor® 405] |

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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