

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

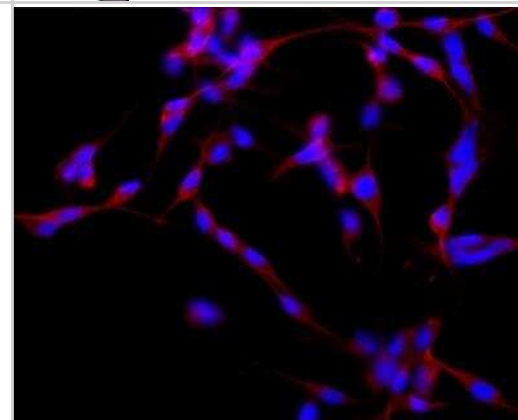
Product Information	
Unit Size	0.05 ml
Concentration	2.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	HM-2
Preservative	0.9% Sodium Azide
Isotype	IgG1
Purity	Protein A or G purified
Buffer	10mM PBS (pH 7.4)
Target Molecular Weight	280 kDa
Product Description	
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, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, 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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