

Anti-MAP1 Antibody (Monoclonal, HM-1)

Catalog Number: MA1056

About Map1a

Microtubules are the ubiquitous cytoskeletal structural components that are involved in intracellular transport. They are composed of tubulin and microtubule-associated proteins (MAPs). MAP1 is one of the major neuronal MAPs as well as being the largest (350KD). MAPs include MAP1A, MAP1B, and MAP2. MAP1a is a single-copy gene spanning 10.5 kb. MAP1a coding sequence is contained in five exons. MAP1B is encoded as a polypeptide that is processed to form a complex N-terminal microtubule-binding domain.

Overview

Product Name	Anti-MAP1 Antibody (Monoclonal, HM-1)
Reactive Species	Mouse, Rat
Description	Boster Bio Anti-MAP1 Antibody (Monoclonal, HM-1) catalog # MA1056. Tested in IHC, WB applications. This antibody reacts with Mouse, Rat.
Application	IHC, WB
Clonality	Monoclonal HM-1
Formulation	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P34926

Technical Details

Immunogen	Rat brain microtubule-associated proteins (MAPs).
Predicted Reactive Species	Bovine, Monkey
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(P) and IHC(F).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Mouse IgG1
Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.
Purification	Ascites

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

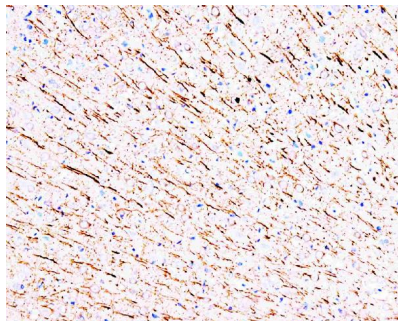
Boster Bio's internal QC testing used:

Immunohistochemistry (Paraffin-embedded Section), 1-2ug/ml, Mouse, rat, By Heat

Immunohistochemistry (Frozen Section), 1-2ug/ml, Mouse, rat, -

Western blot, 0.5-2ug/ml, Mouse, rat

Anti-MAP1 Antibody (Monoclonal, HM-1) (MA1056) Images



Anti-MAP1 antibody (monoclonal), MA1056, IHC(P)
IHC(P): Rat Brain Tissue

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