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BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Myelin Basic Protein MBP Monoclonal Antibody

Catalog Number: M00211-2

Overview

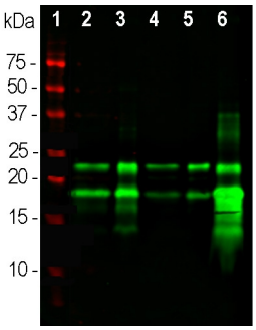
Product Name	Anti-Myelin Basic Protein MBP Monoclonal Antibody
Reactive Species	Bovine, Equine, Human, Mouse, Pig, Rat
Description	Boster Bio Anti-Myelin Basic Protein MBP Monoclonal Antibody catalog # M00211-2. Tested in IF, WB applications. This antibody reacts with Bovine, Equine, Human, Mouse, Pig, Rat.
Application	IF, WB
Clonality	Monoclonal
Formulation	Purified antibody at 1mg/mL in 50% PBS, 50% glycerol plus 5mM NaN_3
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P04370

Technical Details

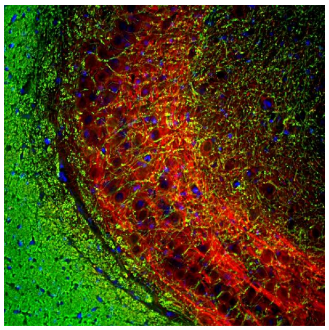
Immunogen	Purified myelin basic protein isolated from bovine brain
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range 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: WB: 1:5,000-1:10,000. IF/ICC and IHC: 1:1,000.

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Anti-Myelin Basic Protein MBP Monoclonal Antibody (M00211-2) Images



Western blot analysis of different tissue lysates using mouse mAb to MBP, M00211-2, dilution 1:10,000 in green: [1] protein standard (red), [2] rat brain, [3] rat spinal cord, [4] mouse brain, [5] mouse spinal cord, [6] cow spinal cord. Bands at 21.5kDa and 18.5kDa are the two larger transcripts from the MBP gene



Immunofluorescent analysis rat brain hippocampal section stained with mouse mAb to myelin basic protein (MBP), M00211-2, dilution 1:5,000 in green, and costained with rabbit pAb to NF-M, RPCA-NF-M, dilution 1:2,000, in red. The MBP antibody stains myelin sheathes around axons, while the NF-M antibody labels dendrites and axons of neuronal cells.

5 Publications Citing This Product

1. PubMed ID: 32515838, Meng FW,Jing XN,Song GH,Jie LL,Shen FF.Prox1 induces new lymphatic vessel formation and promotes nerve reconstruction in a mouse model of sciatic nerve crush injury.J Anat.2020 Nov;237(5):933-940.doi: 10.1111/joa.13247.Epub 2020 Jun 9.PMID:32515838;PMCID:

2. PubMed ID: 25834438, Yang P, Gao Z, Zhang H, Fang Z, Wu C, Xu H, Huang Qj. Neuropsychiatr Dis Treat. 2015 Mar 6;11:597-607. Doi: 10.2147/Ndt.S78131. Ecollection 2015. Changes In Proinflammatory Cytokines And White Matter In Chronically Stressed Rats.

3. PubMed ID: 29922213, Nexilin Regulates Oligodendrocyte Progenitor Cell Migration and Remyelination and is Negatively Regulated by PAR1/RAP1 Signaling Following Subarachnoid %u2026

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