

Product Datasheet

MBP [p Thr98] Antibody (98P/12) - BSA Free NB100-64789

Unit Size: 0.05 mg

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

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MBP [p Thr98] Antibody (98P/12) - BSA Free

Product Information

Unit Size	0.05 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	98P/12
Preservative	0.09% Sodium Azide
Isotype	IgG2a
Purity	Protein A or G purified
Buffer	PBS (pH 7.4)

Product Description

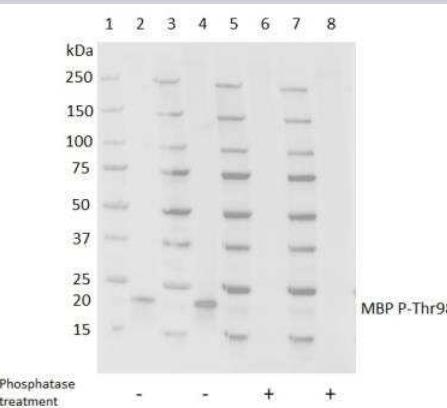
Host	Mouse
Gene ID	4155
Gene Symbol	MBP
Species	Human
Reactivity Notes	Reacts with Human.
Marker	Oligodendrocyte Marker, Myelin Marker
Specificity/Sensitivity	Recognizes myelin basic protein that is phosphorylated on threonine 98.
Immunogen	Synthetic peptide from human myelin basic protein sequence, phosphorylated on threonine 98

Product Application Details

Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:100-1:2000, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	For the detection of phosphoproteins, threonine phosphatase inhibitors such as 10mM Sodium Fluoride should be added to the sample buffer. Milk or other casein-based blocking solutions are not recommended as casein is a phosphoprotein and its use can result in high background.

Images

Western Blot: MBP [p Thr98] Antibody (98P/12) [NB100-64789] - 30 ug of human brain tissue lysate was run under reducing conditions on SDS PAGE and transferred to a PVDF membrane. Bio-Rad Precision Plus molecular weight marker was run in lanes 1, 3, 5 and 7. Mouse anti MBP P-Thr98 antibody was used as the primary antibody at a dilution of 1/500 in lanes 2 and 6 and at 1/1000 in lanes 4 and 8. TidyBlot Western Blot Detection Reagent:HRP was used as the secondary reagent at 1/200. Membranes were treated with (+) and without (-) phosphatase and visualized.



Publications

Liao W, Huang W, Guo Y et al. Testosterone promotes vascular endothelial cell migration via upregulation of ROCK-2/moesin cascade. *Mol Biol Rep.* 2013-09-25 [PMID: 24065547] (WB, Human)



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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.

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