

Product Datasheet

MBP Antibody (7G7) - BSA Free NBP1-05203

Unit Size: 0.1 ml

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

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NBP1-05203

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Product Information

Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	7G7
Preservative	5mM Sodium Azide
Isotype	IgG1
Purity	Affinity purified
Buffer	50% PBS, 50% glycerol
Target Molecular Weight	19 kDa

Product Description

Host	Mouse
Gene ID	4155
Gene Symbol	MBP
Species	Human, Mouse, Rat, Porcine, Bovine, Equine
Reactivity Notes	This peptide is invariant in rat, mouse, cow and many other species, so this antibody will have wide applicability. TMW ranges are 14 - 21.5 kDa (rodent) and 17.2 - 21.5 kDa (human).
Marker	Oligodendrocyte Marker, Myelin Marker
Specificity/Sensitivity	The MBP Antibody (7G7) antibody binds all four of the CNS MBP isoforms, so that the epitope for the antibody is located in the core shared by all four gene products.
Immunogen	Purified myelin basic protein isolated from bovine brain, epitope is in peptide TPPPSQGKG, amino acids 125-133 of the human 21.5kDa sequence.

Product Application Details

Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 1:10000-1:20000, Immunohistochemistry 1:10000, Immunocytochemistry/ Immunofluorescence 1:2000-1:5000, Immunoprecipitation, Immunohistochemistry-Frozen
Application Notes	Use in Immunoprecipitation reported in scientific literature (PMID:34880248). This Myelin Basic Protein (7G7) antibody is useful for Immunocytochemistry/Immunofluorescence and Western blot. In WB bands can be seen at ~18 and 21.5 kDa. Use in IHC-Fr was reported in scientific literature (PMID: 26482371)..



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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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