

Product Datasheet

MBP Antibody (7G7) [DyLight 488] NBP1-05203G

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP1-05203G

MBP Antibody (7G7) [DyLight 488]

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	7G7
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	DyLight 488
Purity	Ascites
Buffer	50mM Sodium Borate
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.
Notes	Dylight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Frozen
Application Notes	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. The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.





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Products Related to NBP1-05203G

NBP1-97005G	Mouse IgG1 Isotype Control (MG1) [DyLight 488]
NBP1-05203UV	MBP Antibody (7G7) [DyLight 350]
NBP2-23253	Recombinant Human MBP His Protein
210-TA-005	TNF-alpha [Unconjugated]

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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