

Product Datasheet

MBP Antibody (7G7) [Alexa Fluor™ Plus 488] NBP1-05203AFP488

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 4/12/2026 v.20.1

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NBP1-05203AFP488

MBP Antibody (7G7) [Alexa Fluor™ Plus 488]

| Product Information | |
|---------------------|---|
| Unit Size | 0.1 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | 7G7 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 |
| Conjugate | Alexa Fluor Plus 488 |
| Purity | Affinity purified |
| Buffer | 50mM Sodium Borate |

| 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 | <p>This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@thermofisher.com. 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.</p> |

Product Application Details

| | |
|------------------------------|---|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation |
| Recommended Dilutions | Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Frozen |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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Products Related to NBP1-05203AFP488

| | |
|----------------|-------------------------------------|
| NBP2-22654 | Recombinant E. coli MBP His Protein |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| DY4228B-05 | MBP [Biotin] |
| 6507-IL-010/CF | IL-4 [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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