

# Product Datasheet

## MBP Antibody (7D2) [Janelia Fluor® 635] NBP1-05204JF635

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-05204JF635**

MBP Antibody (7D2) [Janelia Fluor® 635]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	7D2
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Conjugate</b>	Janelia Fluor 635
<b>Purity</b>	Affinity purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	4155
<b>Gene Symbol</b>	MBP
<b>Species</b>	Human, Mouse, Rat, Porcine, Bovine, Equine
<b>Marker</b>	Oligodendrocyte Marker, Myelin Marker
<b>Specificity/Sensitivity</b>	The MBP Antibody (7D2) antibody binds only the 21.5kDa and 18.5kDa rat MBP isotypes, but all four isotypes of human and bovine MBP.
<b>Immunogen</b>	Purified myelin basic protein isolated from bovine brain, epitope maps to the peptide AEGQRPGFGYGGRASDYKSAHKGFKGVDAQGTLISKIFKLG, amino acids 145-184 of the human 21.5kDa sequence.
<b>Notes</b>	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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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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