

Anti-Myelin Basic Protein (MBP) Antibody

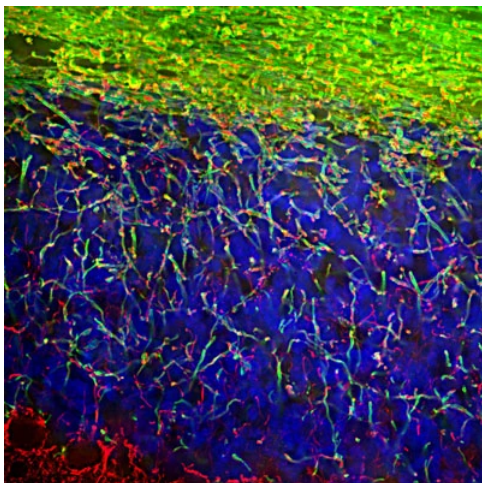


Product Details

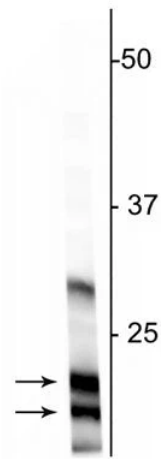
Available Variants	100 µL (SKU:1120-MBP) 25 µL (SKU:1120-MBPT)
Conjugate	Unconjugated
Isotype	IgY
Gene Name	MBP
Host Species	Chicken
Format	Total IgY fraction
Physical State	Liquid
Buffer	PBS + 10 mM NaN ₃ .
Production Notes	Total IgY fraction
Applications	ELISA, ICC, IHC, WB
Dilution Ranges	WB: 1:5000 WB Brain: 1:5000 IHC: 1:500-1:5000 ICC: 1:500-1:2000
Species Reactivity	Bovine, Human, Mouse, Rat
Immunogen	Three peptide sequences conserved in higher vertebrate MBP proteins
Specificity	Specific for endogenous levels of the ~18 kDa & ~22 kDa myelin basic protein.
Molecular Weight	18/22 kDa
Quality Control	Western blots performed on each lot.

Storage	Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 uL/vial depending on usage) upon arrival and stored long term at -20° C or -80° C, while keeping a working aliquot stored at 4° C for short term. Avoid freeze/thaw cycles. Stable for at least 1 year.
Antibody Registry ID	AB_2492157
UniProt ID	P02688
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
NCBI Gene ID	24547

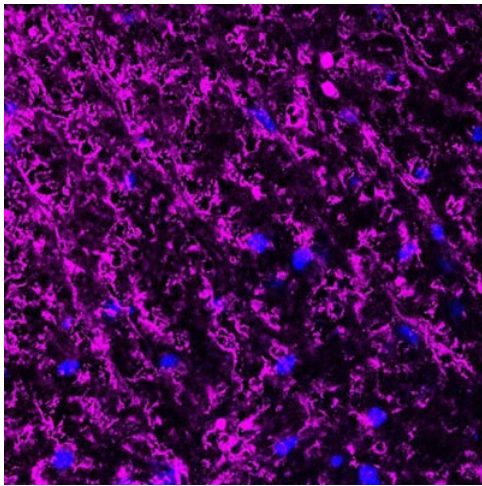
Product Images



Immunofluorescence of a section of rat cerebellum showing specific labeling of myelin basic protein (Cat. 1120-MBP, 1:5000, green) in the oligodendrocytes and myelin sheaths around axons. The section is colabeled with Anti-NFL (red) labeling dendrites and axons of neuronal cells. The blue stains nuclear DNA.



Western blot of rat cortical lysate showing specific immunolabeling of the ~18 kDa and ~22 kDa MBP protein.



Immunofluorescence of a perpendicular section from mouse spinal cord gray matter (upper left corner) and white matter (lower right corner) labeling myelin basic protein (Cat. :1120-MBP, magenta, 1:500) from oligodendrocytes and myelin sheaths. The blue is DAPI counterstaining nuclear DNA. Image kindly provided by Dr. Rodolfo Gatto and Dr. Gerardo Morfini, Department of Anatomy and Cell biology, University of Illinois at Chicago.

Product Page URL: www.antibodiesinc.com/products/anti-myelin-basic-protein-mbp-antibody-1120-mbp



Created on 05. September 2026 | All information without guarantee