

Product Datasheet

Anti-Myelin Basic Protein (MBP) Antibody FL490 Conjugate

Overview

Catalog #	RP-4015-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG
Size	200 μ L
Concentration	0.5 mg/mL
Host Species	Rabbit Polyclonal
Format	Purified by Protein A Chromatography
Buffer	PBS with 0.09% azide
Applications	IHC, ICC
Species Reactivity	Human
Molecular Weight	20 kDa
Cite this Antibody	Antibodies Inc Cat# RP-4015-FL490, RRID: AB_3095399

Details

Target Description	Myelin Basic Protein (MBP) a 19.6 kDa highly basic protein is a major constituent of central nervous system (CNS). This protein is synthesized by oligodendrocyte and Schwann cells. MBP, Proteolipid (PLP), myelin oligodendrocyte glycoprotein (MOG) are primary encephalogenic target antigens in multiple sclerosis. The gene for MBP is on chromosome 18; the protein localizes to CNS and to various cells of the hematopoietic system. MBP is expressed in oligodendrocyte, myelin of white matter, spinal cord and in peripheral nerves. This antibody stains white matter and oligodendrocyte.
Specificity	No cross-reactivity reported
Purification Method	Prepared from pooled rabbit serum by Protein A affinity chromatography and conjugation of purified antibody.
Quality Control Tests	Each new lot of this antibody is tested to confirm that it recognizes a single immunoreactive band of expected molecular weight when used in Western blot.
Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.

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