

## Product Datasheet

## Anti-Myelin Basic Protein (MBP) Antibody FL550 Conjugate

## Overview

<b>Catalog #</b>	RP-4015-FL550
<b>Conjugate</b>	FL550 Ex: 550 nm, Em: 575 nm
<b>Isotype</b>	IgG
<b>Size</b>	200 $\mu$ L
<b>Concentration</b>	0.5 mg/mL
<b>Host Species</b>	Rabbit Polyclonal
<b>Format</b>	Purified by Protein A Chromatography
<b>Buffer</b>	PBS with 0.09% azide
<b>Applications</b>	IHC, ICC
<b>Species Reactivity</b>	Human
<b>Molecular Weight</b>	20 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# RP-4015-FL550, RRID: AB_3095400

## Details

<b>Target Description</b>	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.
<b>Specificity</b>	No cross-reactivity reported
<b>Purification Method</b>	Prepared from pooled rabbit serum by Protein A affinity chromatography and conjugation of purified antibody.
<b>Quality Control Tests</b>	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.
<b>Storage</b>	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.

## Our Guarantee

As an original manufacturer, we are dedicated to creating quality and reproducible antibodies that further your research. We provide personalized customer support from the scientists that made the antibody and offer a free replacement or 100% refund if we cannot resolve an issue. Order today and experience our 50+ year passion for science.

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