

Datasheet for ABIN5583243  
**anti-MBP antibody (AA 215-221)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	MBP
Binding Specificity:	AA 215-221
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MBP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Purpose:	Mouse monoclonal antibody raised against synthetic peptide of MBP.
Immunogen:	A synthetic peptide corresponding to amino acids 215-221 of human MBP.
Sequence:	QDENPVV
Clone:	QD-9
Isotype:	IgG
Specificity:	The QD-9 antibody can specifically detect demyelinating lesions in brains with multiple sclerosis, multiple system atrophy (MSA), as well as infarcted brains. The QD-9 antibody is, therefore, a very useful tool for detecting demyelination but not myelin in normal brain.
Cross-Reactivity:	Human

## Target Details

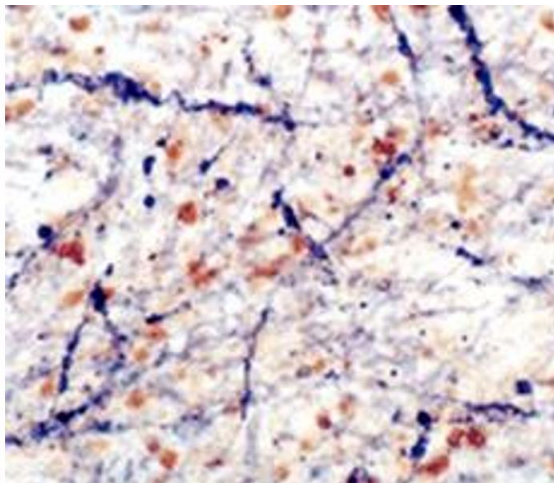
Target:	MBP
Alternative Name:	Myelin basic protein ( <a href="#">MBP Products</a> )
Background:	Full Gene Name: myelin basic protein Synonyms: MGC99675
Gene ID:	4155

## Application Details

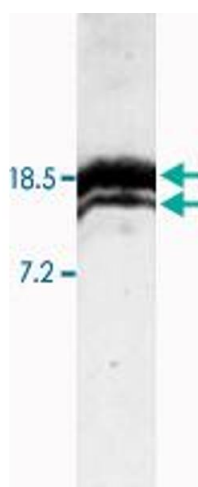
Application Notes:	The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	In PBS, pH 7.4 (0.05 % sodium azide).
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	This product is stable for several weeks at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage, store at -20°C or below. Aliquot to avoid repeated freezing and thawing.



**Image 1.** Double staining with MBP monoclonal antibody, clone QD-9 and anti-ubiquitin in a multiple system atrophy (MSA) case (moderately affected cerebella medulla). The distribution of Cat # MAB8817 (purple) is different from that of ubiquitinated glial cytoplasmic inclusions (GCIs, brown), medulla (case M6). Ubiquitinated GCIs and Cat # MAB8817 positive fibers are detected. Note that Cat # MAB8817 does not stain the GCIs.



#### Western Blotting

**Image 2.** Western blot analysis of MBP monoclonal antibody, clone QD-9 in multiple systems atrophy (MSA) brain homogenates.