

DESCRIPTION

Species Reactivity	Human/Mouse/Rat
Specificity	Detects human, mouse, and rat MBP
Source	Monoclonal Mouse IgG ₁ Clone # 932908
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Purified MBP from bovine brain Accession # P02686
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.	

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Myelin Basic Protein (MBP) is the most abundant protein component of the myelin membrane in the central nervous system. MBP has a role in both the formation and stabilization of this compact multilayer arrangement of bilayers. *In vitro*, MBP is suitable as a substrate for numerous protein kinases, including the ERK and p38 MAP kinases that phosphorylate MBP at T98.

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