

MBP Antibody FITC Conjugated

Catalog No: #C00243F

Package Size: #C00243F 100ul

Description

Product Name	MBP Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 45-87 167 derived from Guinea Pig MBP
Conjugates	FITC
Target Name	MBP
Other Names	MBP_CAVPO; Myelin Basic Protein; Myelin basic protien; GDB; Golli MBP; Hemopoietic MBP; HMBPR; HUGO; MBP; MGC99675; MLD; Myelin A1 Protein; Myelin Deficient; Myelin Membrane Encephalitogenic Protein; SHI; Shiverer; SP
Cell Localization	Cytoplasm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

Background

Oligodendrocyte Marker The classic group of Myelin basic protein (MBP) isoforms (isoforms 4 to 14) are with PLP the most abundant protein components of the myelin membrane in the CNS. They have a role in both its formation and stabilization. The smaller isoforms might have an important role in remyelination of denuded axons in multiple sclerosis. The non classic group of MBP isoforms (isoforms 1 to 3 Golli MBPs) may preferentially have a role in the early developing brain long before myelination, maybe as components of transcriptional complexes, and may also be involved in signaling pathways in T cells and neural cells. Differential splicing events combined to optional posttranslational modifications give a wide spectrum of isomers, each of them having maybe a specialized function.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.