



Product Information Sheet

Polyclonal Anti-Myelin Basic Protein, MBP (*Magnetic Bead Conjugate*)

Catalogue No. PA1050-M	Immunogen A synthetic peptide corresponding to a sequence at the C-terminal of the human MBP (182-197 aa), identical to the related rat and mouse sequence.
Lot No. 01010121450124	
Ig type: rabbit IgG	Purity Immunogen affinity purified.
Size: 100µg/vial	
Specificity Human, rat. No cross reactivity with other proteins.	Contents Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg NaN ₃ . Storage Store at 4°C for frequent use.
Recommended application ImmunoPrecipitation (IP)	Description This Antagene antibody is immobilized by the covalent reaction of hydrazinonicotinamide-modified antibody with formylbenzamide-modified magnetic beads. It is useful for immunoprecipitation

BACKGROUND

Myelin basic protein (MBP) is a major constituent of the myelin sheath of oligodendrocytes and Schwann cells in the central nervous system and the peripheral nervous system, respectively. It is most abundant in hemopoietic system and contains seven exons distributed over 32-34 kb. MBP isolated from MS brain may differ in charge microheterogeneity which would affect antigenic determinants. MBP is mapped to chromosome 18q22-23. Failure in this gene expression would be correlated in the central white matter with extrapyramidal system degeneration signs. Moreover, it is a candidate autoantigen in the disease multiple sclerosis.

REFERENCE

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