

Myelin Basic Protein (MBP) (AB1555) mouse mAb

W0368

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- IHC; WB; IF; ELISA

MW

- 33 kDa (calculated)
- 33 kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality	Monoclonal
Clone Number	AB1555
Immunogen	A synthetic peptide corresponding to the amino acid region 150 - 250 of the human Myelin Basic Protein protein.
Specificity	The antibody can specifically recognize human Myelin Basic Protein.
Purification	Affinity purification Protein A
Concentration	Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name	MBP		
Protein Name	Myelin Basic Protein		
Database Link	Organism	Swiss Prot.	Gene ID
	Human	P02686	4155

Background	Myelin basic protein (MBP) is an intracellular protein with highly flexible structure. It mainly exists in myelin of central and peripheral nervous system. It is the main component of myelin structural protein. It is expressed in oligodendrocytes, cerebral white matter myelin, spinal cord myelin, peripheral nerves and Schwann cells. It is expressed in neuromas, neurofibromas and neurodifferentiated tumors, but not in glial cells and gliomas.
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