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Datasheet for ABIN307190 anti-MBP antibody (AA 130-136)

2 Images



Overview

Quantity:	50 µg
Target:	MBP
Binding Specificity:	AA 130-136
Reactivity:	Human, Rat, Mouse, Rabbit, Sheep, Goat, Primate
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MBP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

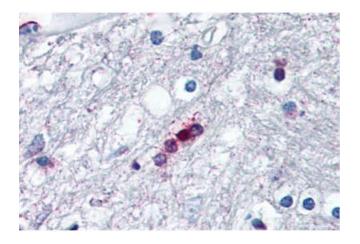
Product Details

Brand:	IHC-plus™
Immunogen:	Purified human myelin basic protein.
	Type of Immunogen: Purified protein
lsotype:	lgG2b
Specificity:	Recognizes residues 130-136 in human myelin basic protein (21.5kD and 18.5kD molecular forms).
Purification:	Protein G purified

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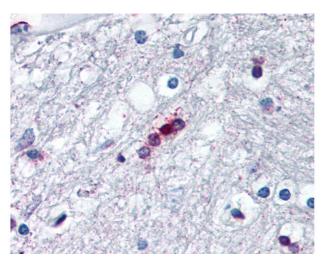
Target Details	
Target:	MBP
Alternative Name:	Myelin Basic Protein / MBP (MBP Products)
Background:	Name/Gene ID: MBP
	Synonyms: MBP, Myelin A1 protein, Myelin basic protein
Gene ID:	4155
UniProt:	P02686
Application Details	
Application Notes:	Approved: ELISA (10 - 20 μg/mL), IHC, IHC-Fr, IHC-P (5 μg/mL), WB (1 - 2 μg/mL)
	Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, contains no preservative.
Preservative:	Without preservative
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.

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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Brain, Oligodendrocytes (formalin-fixed, paraffin-embedded) stained with MBP antibody ABIN307190 at 5 ug/ml followed by biotinylated anti-mouse IgG secondary antibody ABIN481714, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-Myelin Basic Protein antibody IHC of human brain, oligodendrocytes. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

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