

Mouse Myelin Monoclonal Antibody | anti-MBP antibody

Monoclonal Antibody to Myelin Basic Protein (MBP)

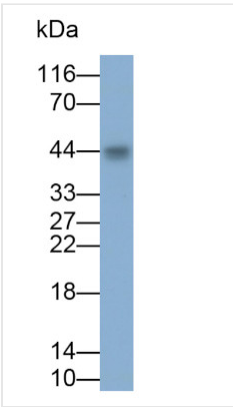
CATALOG # AAA141296	HOST Mouse	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

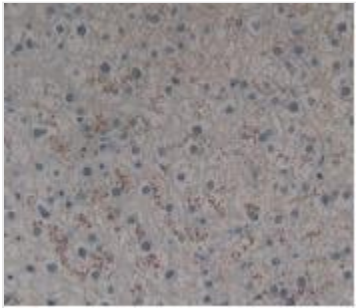
Myelin; Monoclonal Antibody; Monoclonal Antibody to Myelin Basic Protein (MBP); anti-MBP antibody

PRODUCT SPECIFICATIONS

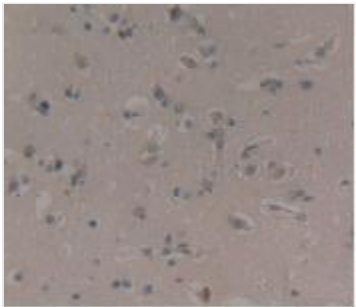
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	A5
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid; Supplied as solution form in PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-MBP antibody	WB (Western Blot)
Source	Monoclonal antibody preparation
Cross Reactivity	Mouse, Rat, Porcine
Immunogen	Recombinant MBP (Val113~Met183) expressed in E.coli
Preparation and Storage	Storage Avoid repeated freeze/thaw cycles. Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 24 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



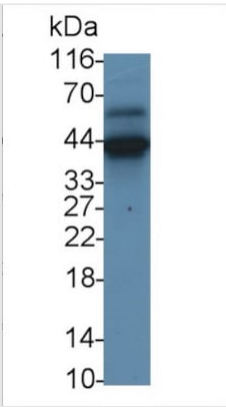
WB (Western Blot)
Western BlotSample: U87MG cell lysatePrimary Ab: 0.3ug/ml Mouse Anti-Human MBP
AntibodySecond Ab: 0.2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



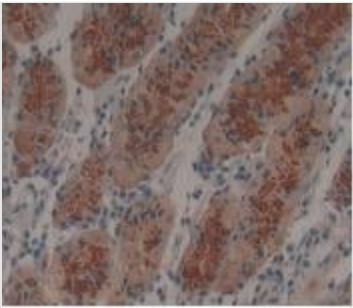
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Liver Tissue.



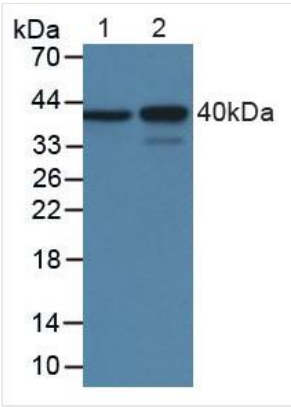
IHC (Immunohiostchemistry)
DAB staining on IHC-P; Samples: Human Brain Tissue.



WB (Western Blot)
Western BlotSample: Mouse Cerebrum lysatePrimary Ab: 0.2ug/ml Mouse Anti-Human MBP
AntibodySecond Ab: 0.2ug/mLHRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemisry)
DAB staining on IHC-P; Samples: Human Stomach Tissue



WB (Western Blot)
Western Blot: Sample: Lane1: Rat Brain Tissue; Lane2: Porcine Brain Tissue.

NCBI AND UNIPROT INFORMATION

NCBI GI #	68509930
NCBI GeneID	4155
NCBI Accession #	NP_001020252.1
NCBI GenBank Nucleotide #	NM_001025081.1
UniProt Accession #	P02686; Q15337; Q15338; Q15339; Q15340; A4FU54; A6NI84; A8MY86; A8MYL4; B3KY66; B7ZKS2; B7ZKS4
NCBI Official Full Name	myelin basic protein isoform 1
NCBI Official Synonym Full Names	myelin basic protein

NCBI Official Symbol	MBP
NCBI Protein Information	myelin basic protein; Golli-MBP
UniProt Protein Name	Myelin basic protein
UniProt Gene Name	MBP
UniProt Synonym Gene Names	MBP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/myelin-antibody-clone-a5-western-blot-elisa/141296>