

Mouse anti-Rat Major Basic Protein (MBP) Monoclonal Antibody | anti-MBP antibody

Monoclonal Antibody to Major Basic Protein (MBP)

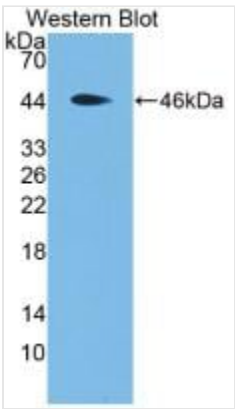
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA146538	Mouse	Rat	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

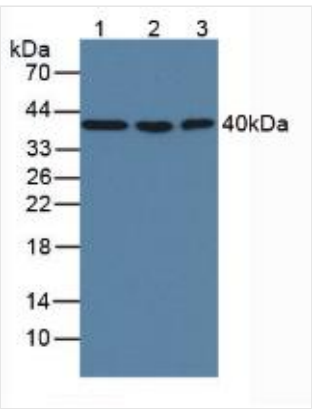
Major Basic Protein (MBP); Monoclonal Antibody; Monoclonal Antibody to Major Basic Protein (MBP); PRG2; BMPG; Proteoglycan 2; Bone Marrow; Natural Killer Cell Activator; Eosinophil Granule Major Basic Protein; Pregnancy-associated major basic; anti-MBP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Rat
Clonality	Monoclonal
Isotype	IgG2a Kappa
Clone Number	C3
Specificity	The antibody is a mouse monoclonal antibody raised against MBP. It has been selected for its ability to recognize MBP in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-MBP antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Major Basic Protein (MBP) (Gly80~Lys219)
Cross Reactivity	Rat
Buffer Formulation	PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Label	None
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles. 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 Blot: Sample: Recombinant MBP, Rat.



WB (Western Blot)
Western Blot: Sample: Lane1: Rat Brain Tissue; Lane2: Rat Liver Tissue; Lane3: Porcine Brain Tissue.

NCBI AND UNIPROT INFORMATION

NCBI GI #	298231202
NCBI GeneID	58826
NCBI Accession #	NP_113807.2
NCBI GenBank Nucleotide #	NM_031619.2
UniProt Accession #	Q63189
Molecular Weight	25,129 Da
NCBI Official Full Name	bone marrow proteoglycan
NCBI Official Synonym Full Names	proteoglycan 2
NCBI Official Symbol	Prg2
NCBI Protein Information	bone marrow proteoglycan
UniProt Protein Name	Bone marrow proteoglycan
UniProt Gene Name	Prg2
UniProt Synonym Gene Names	Mbp; BMPG; EMBP; 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/major-basic-protein-mbp-antibody-clone-c3-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/146538>