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

HRP-Linked Monoclonal Antibody to Major Basic Protein (MBP)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA149822	**Mouse**	**Human**	**Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Major Basic Protein (MBP); Monoclonal Antibody; HRP-Linked 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	Human
Clonality	Monoclonal
Clone Number	C5
Purity/Purification	Protein A/G Affinity Chromatography.
Form/Format	Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	0.84mg/ml (varies by lot)
Applicable Applications for anti-MBP antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Source	Monoclonal antibody preparation
Label	HRP
Traits	Liquid
Immunogen	Recombinant MBP (Gln105~Tyr222) expressed in E.coli .
Preparation and Storage	**Storage:** Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C. **Stability Test:** 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°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. Note: As fluorescence can photo bleach when exposed to light, so the antibody must be protected from light.

ADDITIONAL INFORMATION

Product Categories/Family for anti-MBP antibody	Infection Immunity; Rheumatology; Dermatology

NCBI AND UNIPROT INFORMATION

NCBI GI #	281185479
NCBI GeneID	5553

UniProt Accession #	P13727; P81448; Q14227; Q6ICT2; A6XMW0; B2R5I1
Molecular Weight	25kDa
NCBI Official Full Name	Bone marrow proteoglycan
NCBI Official Synonym Full Names	proteoglycan 2, bone marrow (natural killer cell activator, eosinophil granule major basic protein)
NCBI Official Symbol	PRG2
NCBI Official Synonym Symbols	MBP; BMPG; MBP1
NCBI Protein Information	bone marrow proteoglycan; bone-marrow proteoglycan; proteoglycan 2 preproprotein; natural killer cell activator; eosinophil major basic protein; eosinophil granule major basic protein
UniProt Protein Name	Bone marrow proteoglycan
UniProt Gene Name	**PRG2**
UniProt Synonym Gene Names	MBP; BMPG; EMBP; MBP
UniProt Entry Name	PRG2_HUMAN

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-c5-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/149822