

Mouse EOSINOPHIL MAJOR BASIC PROTEIN Monoclonal Antibody | anti-PRG2 antibody

MOUSE ANTI HUMAN EOSINOPHIL MAJOR BASIC PROTEIN

CATALOG # AAA49793	HOST Mouse	REACTIVITY Rat Reacts weakly with Guinea Pig.	APPLICATIONS Immunohistochemistry, ELISA, Immunohistochemistry
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PRODUCT SYNONYMS

EOSINOPHIL MAJOR BASIC PROTEIN; Monoclonal Antibody; MOUSE ANTI HUMAN EOSINOPHIL MAJOR BASIC PROTEIN; anti-PRG2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Rat Reacts weakly with Guinea Pig.
Clonality	Monoclonal
Isotype	IgG1
Clone Number	BMK-13
Purity/Purification	Antibody purified from tissue culture supernatant
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 0.1mg/ml (varies by lot)
Sequence Length	211
Applicable Applications for anti-PRG2 antibody	IHC (Immunohistochemistry), ELISA, IHC (Immunohistochemistry)
Perservative Stabilisers	0.02% Sodium Azide (NaN ₃) 0.1% Bovine Serum Albumin
Buffer Solution	Phosphate buffered saline
Target Species	Human
Preparation and Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended

ADDITIONAL INFORMATION

Related Product Information for anti-PRG2 antibody	Mouse anti Human Eosinophil Major Basic Protein antibody, clone BMK-13 recognises the Eosinophil Major Basic Protein (EMBP), a 117 amino acid protein, corresponding to residues 106-222 of Bone marrow proteoglycan (precursor). Mouse anti Human Eosinophil Major Basic Protein antibody, clone BMK-13 stains both resting and activated eosinophils of bronchial and skin sections of allergic and normal sites and may be considered a Pan eosinophil marker. Mouse anti Human Eosinophil Major Basic Protein antibody, clone BMK-13 cross reacts weakly with basophils which also contain low levels of EMBP. No cross reactivity with other human cells or proteins has been noted. Species Cross Reactivity Note: N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories
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NCBI AND UNIPROT INFORMATION

NCBI GI #	342837699
NCBI GeneID	5553
NCBI Accession #	NP_001230174.1
NCBI GenBank Nucleotide #	NM_001243245.2
UniProt Accession #	P13727; P81448; Q14227; Q6ICT2; A6XMW0; B2R5I1
NCBI Official Full Name	bone marrow proteoglycan isoform 2 preproprotein
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; eosinophil granule major basic protein; eosinophil major basic protein; natural killer cell activator; proteoglycan 2 preproprotein
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/eosinophil-major-basic-protein-antibody-clone-bmk-13-immunohistochemistry-immunohistochemistry-elisa/49793>