

Rabbit anti-Human PRG2 Polyclonal Antibody | anti-PRG2 antibody

PRG2 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283245	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

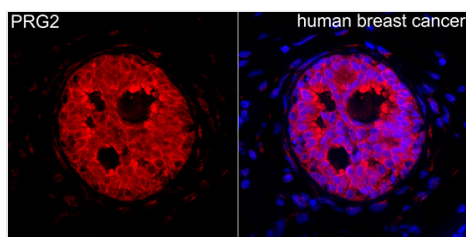
PRODUCT SYNONYMS

PRG2; Polyclonal Antibody; PRG2 Rabbit pAb; BMPG; MBP; MBP1; proMBP; bone marrow proteoglycan; anti-PRG2 antibody

PRODUCT SPECIFICATIONS

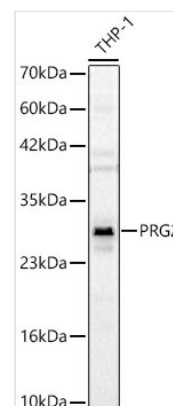
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	LHLRSETSTF ETPLGAKTLP EDEETPEQEM EETPCRELEE EEEWGSSEED ASKKDGAVES ISVPDMVDKN LTCPEEEDTV KVVGIPGCQT CRYLLVRS LQ TFSQAWFTCR RCYRGNL VSI HNFNINYRIQ CSVSALNQGQ VWIGGRITGS GRCRRFQWVD GSRWNFAYWA AHQPWSRGGH CVALCTRGGH WRRACHLRRL PFICSY
Applicable Applications for anti-PRG2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 17-222 of human PRG2(NP_002719.3).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of paraffin-embedded human breast cancer using PRG2 Rabbit pAb (AAA283245) at dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of lysates from THP-1 cells using PRG2 Rabbit pAb (AAA283245) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 45s.

ADDITIONAL INFORMATION

Related Product Information for anti-PRG2 antibody	The protein encoded by this gene is the predominant constituent of the crystalline core of the eosinophil granule. High levels of the proform of this protein are also present in placenta and pregnancy serum, where it exists as a complex with several other proteins including pregnancy-associated plasma protein A (PAPPA), angiotensinogen (AGT), and C3dg. This protein may be involved in antiparasitic defense mechanisms as a cytotoxin and helminthotoxin, and in immune hypersensitivity reactions. The encoded protein contains a peptide that displays potent antimicrobial activity against Gram-positive bacteria, Gram-negative bacteria, and fungi. It is directly implicated in epithelial cell damage, exfoliation, and bronchospasm in allergic diseases. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-PRG2 antibody	Immunology; Adaptive Immunity; T Cells; Cytotoxic Cells; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	281185479
NCBI GeneID	5553
UniProt Accession #	P13727; P81448; Q14227; Q6ICT2; A6XMW0; B2R5I1
Molecular Weight	Calculated MW: 23kDa/25kDa Observed MW: 28kDa
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/polyclonal/prg2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/283245>