Beta-Thromboglobulin (bTG) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Beta-Thromboglobulin (bTG), Polyclonal Antibody
Full Product Name	PE-Linked Polyclonal Antibody to Beta-Thromboglobulin (bTG)
Product Gene Name	anti-bTG antibody
Product Synonym Names	CXCL7; PPBP; PBP; B-TG1; CTAP-III; CTAP3; CTAPIII; LA-PF4; LDGF; MDGF; NAP2; SCYB7; TC1; TC2; TGB1; THBGB1; Pro-Platelet Basic Protein; Chemokine C-X-C-Motif Ligand 7
Immunogen Sequence	bTG (Ile46~Ile 107)
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Rat
Form/Format	Liquid
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Concentration	>=100ug/ml (lot specific)
Specificity	The antibody is a Rabbit polyclonal antibody raised against bTG. It has been selected for its ability to recognize bTG in immunohistochemical staining and western blotting.
Preparation and Storage	Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 12 months. 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.
Matching Pairs	Unconjugated Antibody: bTG (MBS2025888) PE Conjugated Antibody: bTG (MBS2106803)
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3D Structure	ModBase 3D Structure for Q99ME0
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Conjugation	PE
Cross Reactivity	Rat
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-bTG antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)
Related Product Information for anti-bTG antibody	MBS2106803 is an antibody targeting bTG. Also known as PE-Linked Polyclonal Antibody to Beta-Thromboglobulin (bTG). Reactive in Rat. Host: Rabbit.
Other Notes	Small volumes of anti-bTG antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for bTG. It may not necessarily be applicable to this product.

NCBI GI #	24308468
NCBI GeneID	246358
NCBI Accession #	NP_714943.1
UniProt Primary Accession #	Q99ME0
GenBank Nucleotide #	NM_153721.1
NCBI Official Full Name	platelet basic protein
NCBI Official Synonym Full Names	pro-platelet basic protein
NCBI Official Symbol	Ppbp
NCBI Official Synonym Symbols	Cxcl7; Nap-2
UniProt Protein Name	CXC chemokine RTCK1
UniProt Synonym Protein Names	CXC chemokine RTCK1
Protein Family	BTG family protein
UniProt Gene Name	Ppbp
UniProt Entry Name	Q99ME0_RAT
NCBI Protein Information	platelet basic protein
NCBI Summary for bTG	has 72.6% amino acid sequence identity with the mouse homolog which displays increased expression in response to thrombopoietin stimulation [RGD, Feb 2006]
Research Articles on bTG	**1.** molecular cloning and characterization; may have the function to recruit PMNs to fight against pulmonary infection
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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