TRGC2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TRGC2, Polyclonal Antibody
Full Product Name	TRGC2, NT (TRGC2, TCRGC2, T-cell receptor gamma-2 chain C region, T-cell receptor gamma chain C region PT-gamma-1/2) (MaxLight 750)
Product Gene Name	anti-TRGC2 antibody
Product Synonym Names	TRGC2; TCRGC2; T-cell receptor gamma-2 chain C region; T-cell receptor gamma chain C region PT-gamma-1/2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750.
Purity/Purification	Purified by Protein A and Peptide Affinity Chromatography.
Specificity	Recognizes human TRGC2.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight750 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	21,554 Da
OMIM	615450
3D Structure	ModBase 3D Structure for P03986
Immunogen	KLH-conjugated synthetic peptide mapping to a fragment of residues within amino acids 1-30 in the N-terminal region of human TRGC2.
Conjugate	MaxLight750
Note	Preservative Free
Product Categories/Family for anti-TRGC2 antibody	Antibodies; Receptors
Applications Tested/Suitable for anti-TRGC2 antibody	Western Blot (WB), FLISA
Application Notes for anti-TRGC2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-TRGC2 antibody	T cell receptors (TCR) recognize foreign antigens which have been processed as small peptides and bound to major histocompatibility complex (MHC) molecules at the surface of antigen presenting cells (APC). Each T cell receptor is a dimer consisting of one a and one b chain or one d and one g chain. This region represents the germline organization of the T cell receptor beta locus. The beta locus includes V (variable), J (joining), diversity (D), and C (constant) segments. During T cell development, the beta chain is synthesized by a recombination event at the DNA level joining a D segment with a J segment; a V segment is then joined to the D-J gene. The C segment is later joined by splicing at the RNA level. The g/d TCR associates with CD3 and is expressed on a T cell subset found in the thymus, the intestinal epithelium, and the peripheral lymphoid tissues and peritoneum. Most g/d T cells are CD4-/CD8-, some are CD8+. T cells expressing the g/d TCR have been shown to play a role in oral tolerance, tumor-associated tolerance, and autoimmune disease.

Other Notes	Small volumes of anti-TRGC2 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.
Searchable Terms for TRGC2 purchase	MBS6358075 is an antibody targeting TRGC2. Also known as TRGC2, NT (TRGC2, TCRGC2, T-cell receptor gamma-2 chain C region, T-cell receptor gamma chain C region PT-gamma-1/2) (MaxLight 750). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TRGC2. It may not necessarily be applicable to this product.

NCBI GI #	135528
NCBI Accession #	P03986.1
UniProt Primary Accession #	P03986
NCBI Official Full Name	T-cell receptor gamma-2 chain C region
UniProt Protein Name	T-cell receptor gamma-2 chain C region
UniProt Synonym Protein Names	T-cell receptor gamma chain C region PT-gamma-1/2
Protein Family	T-cell receptor
UniProt Gene Name	TRGC2
UniProt Synonym Gene Names	TCRGC2
UniProt Entry Name	TRGC2_HUMAN
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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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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