

Product datasheet

Anti-CD21 antibody [Q22-S] - C-terminal ab190511

1 Image

Overview

Product name	Anti-CD21 antibody [Q22-S] - C-terminal
Description	Rabbit monoclonal [Q22-S] to CD21 - C-terminal
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human CD21 (C terminal). The exact sequence is proprietary. Database link: P20023
Epitope	Antibody recognizes the epitope located between Ala1015 - Ala1032
Positive control	Human follicular dendritic cells - lymphoid follicle of the tonsil.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 8.00 Preservative: 0.05% Sodium azide Constituents: 0.32% Tris HCl, 2% BSA
Purification notes	This immunoglobulin is the product of one single B-cell line from the crude anti-peptide polyclonal anti-serum. This antibody is purified using a propriety technique and offers a completely post-translationally modified and properly glycosylated antibody. This offers increased stability.
Clonality	Monoclonal
Clone number	Q22-S

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab190511 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/100 - 1/200.

Target

Function Receptor for complement C3Dd, for the Epstein-Barr virus on human B-cells and T-cells and for HNRPU. Participates in B lymphocytes activation.

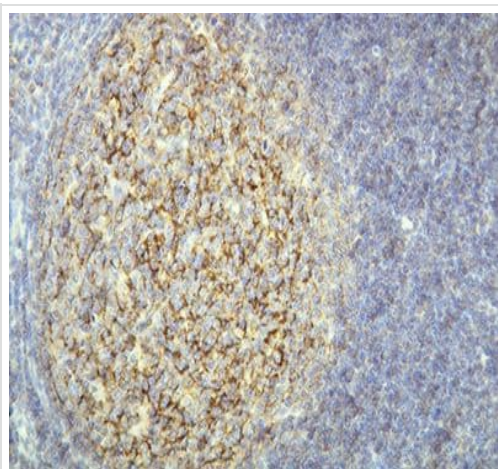
Tissue specificity Mature B-lymphocytes, T-lymphocytes, pharyngeal epithelial cells, astrocytes and follicular dendritic cells of the spleen.

Involvement in disease Genetic variations in CR2 are associated with susceptibility to systemic lupus erythematosus type 9 (SLEB9) [MIM:610927]. Systemic lupus erythematosus (SLE) is a chronic autoimmune disease with a complex genetic basis. SLE is an inflammatory, and often febrile multisystemic disorder of connective tissue characterized principally by involvement of the skin, joints, kidneys, and serosal membranes. It is thought to represent a failure of the regulatory mechanisms of the autoimmune system.

Sequence similarities Belongs to the receptors of complement activation (RCA) family. Contains 15 Sushi (CCP/SCR) domains.

Cellular localization Membrane.

Images



Immunohistochemical analysis of paraffin-embedded Human follicular dendritic cells - lymphoid follicle of the tonsil tissue labeling CD21 with ab190511 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD21 antibody [Q22-S] - C-terminal (ab190511)

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