

CD21 Recombinant antibody

Cat:B32009R

Company: Haokebio

Uniprot ID:P20023

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

CD21, also known as complement C3d receptor, Epstein-Barr virus receptor, and complement receptor type 2 (CR2), is a protein encoded by the human CR2 gene. This protein is involved in the complement system and can bind to iC3b (the inactive derivative of C3b), C3dg, or C3d. CR2 receptors are present on the surface of B cells, enabling the complement system to play a role in the activation and maturation of B cells. It is expressed on follicular dendritic cells (FDCs), mature B cells, and several types of epithelial cells. CD21 can be used to identify the follicular dendritic cell stroma in normal lymph node and tonsil tissues, and also to identify the abnormal follicular dendritic cell patterns in angioimmunoblastic T-cell lymphoma and follicular T-cell lymphoma.

Protein full name:

complement component (3d/Epstein Barr virus) receptor 2

Synonyms:

C3DR, CD21, Complement C3d receptor, Complement receptor type 2, CR2, EBV receptor, Epstein Barr virus receptor, SLEB9

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Cell membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

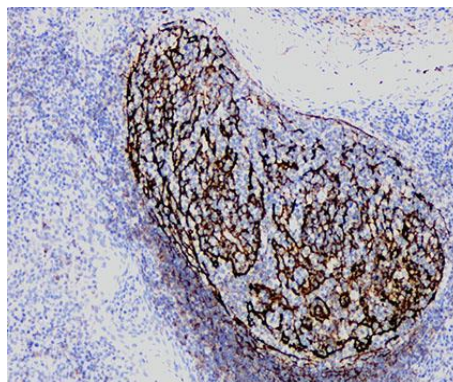
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Human tonsil tissue, 4% PFA 12-24h

Source of Reagents:

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发表[英文论文]请标注:CD21(B32009R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.