# CD21 Recombinant Rabbit Monoclonal Antibody

**Cat:HKZ150133**

**Company**：HaoKebio

**Uniprot ID:**: P20023

**Organism:**Rabbit

**Species reactivity:**Human

**Predicted Molecular Weight:** 113 kDa

**Applications:**

IHC: 1:100-1:200

IHC-Polymer: 1:400-1:800

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. It can bind to iC3b (an inactive derivative of C3b), C3dg, or C3d. CD21 is expressed on B cells, follicular dendritic cells, thymocytes, and subsets of peripheral T cells. The presence of CR2 receptors on the surface of B cells allows the complement system to play a role in B cell activation and maturation.

**Protein full name:**

Complement receptor type 2

**Synonyms:**

C3DR, CD21, CR2

**Immunogen:**

A synthetic peptide corresponding to amino acid residues 933 to the C-terminus of CD21 was used as the immunogen.

**Isotype:**

IgG

**Subcellular location:**

Cell membrane

**Purity:**

Affinity purification

**Form:**

Liquid

**Storage Buffer:**

59% PBS, 0.01% sodium azide, 40% glycerol, 0.05% BSA.
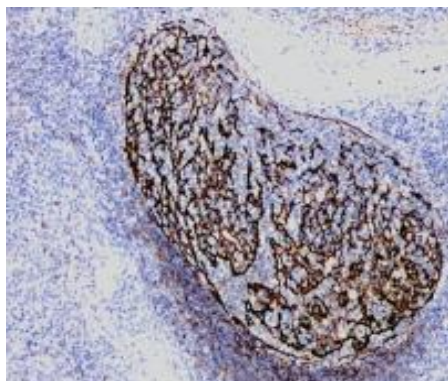
**Storage:**

Ship on blue ice. Upon receipt, aliquot and store at -25°C to -18°C. Avoid repeated freeze-thaw cycles.

**Experimental procedure:**

Antigen retrieval using Tris-EDTA buffer (pH 9.0); primary antibody incubation at room temperature (18 ℃－25 ℃) for 30 minutes.

**Images:**



Immunohistochemical results of CD21-labeled human tonsil tissue (formalin-fixed paraffin-embedded sections) using HKZ150133. Tris-EDTA buffer (pH 9.0) was used for antigen retrieval.

**Source of Reagents:**

1. Barel M, et al. Mol Immunol. 1995 Apr;32(6):389-97.

2. Tanner J, et al. J Virol. 1988 Dec;62(12):4452-64.

**Source of Reagents:**

发表[中文论文]请标注: CD21 (HKZ150133)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:CD21 (HKZ150133) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.