

CD21 Recombinant antibody

Cat:B36481S

Company: HaoKebio

Uniprot ID:P19070

Applications: IHC:1:500-1:2000

Organism:Rabbit

IHC-Polymer:1:2000-1:8000

Species reactivity:Mouse Rat

IHC-TSA:1:2500-1:10000

Molecular Weight Calculation: 113 kDa

IF:1:50-1:100

Observed Molecular Weight: 160-210 kDa

WB:1:5000-1:50000

Background:

CD21, also known as complement receptor type 2 (CR2), complement C3d receptor, and Epstein-Barr virus receptor, is a transmembrane protein that contains a small cytoplasmic domain, a trans membrane region and an extracellular domain consisting of 15 short consensus repeats (SCRs). CD21 binds complement fragments C3d, C3dg and iC3b and acts as a receptor for the Epstein-Barr virus. CD35, also known as complement receptor type 1 (CR1) or C3b/C4b receptor, binds C3b and C4b. The murine Cr2 gene encodes for both C D21 and CD35. Mouse CD35 comprises 21 SCRs while mouse CD21 is identical to mouse CD35 except that it lacks the first 6 SCRs. CD21/CD35 forms trimolecular complexes with CD19 and CD81 and plays roles in the regulation of humoral immune responses.

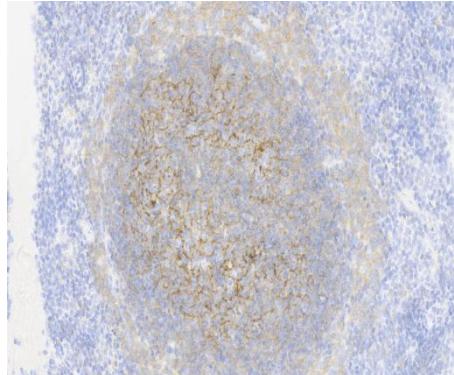
PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

Storage:

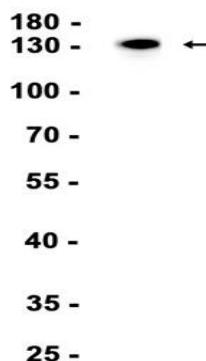
Store at -20 °C for one year.

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: Mouse spleen, 4% PFA 12-24h

kDa

Synonyms:

CD21, Cr2, 241957E6

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

Dilution of 1:20000 incubated at room temperature for 1.5 hours.

Source of Reagents:

发表[中文论文]请标注:CD21(B36481S)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(B36481S) were ki

ndly provided by Hangzhou Haoke Biotechnolog

y Co., Ltd.