

## CD35 Recombinant Rabbit Monoclonal Antibody

**Cat:HKZ150187**

**Company: HaoKeBio**

**Uniprot ID:** P17927

**Organism:**Rabbit

**Species reactivity:**Human

**Predicted Molecular Weight:**224 kDa

**Applications:** IHC: 1:100-1:200

IHC-Polymer: 1:400-1:800

TSA:1:500-1:1000

### Background:

CD35, also known as complement receptor 1, is a membrane-bound monomeric glycoprotein expressed on the surface of various cells, such as erythrocytes, leukocytes, glomerular podocytes, and follicular dendritic reticular cells. The primary function of CD35 is to serve as a receptor for complement components C3b and C4b, facilitating the clearance of foreign antigens. CD35 antigen is present on erythrocytes, B cells, T cells, monocytes, eosinophils, and neutrophils. The CD35 antibody is considered a marker for mature B cells and can label follicular dendritic cells and tumors derived from these cells, such as follicular dendritic cell tumors/sarcomas.

### Protein full name:

Complement component (3b/4b) receptor 1

### Synonyms:

KN, CR1, Complement receptor type 1, C3BR, C3b/C4b receptor

### Immunogen:

A synthetic peptide corresponding to amino acid residues 1939–2039 of CD35 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.

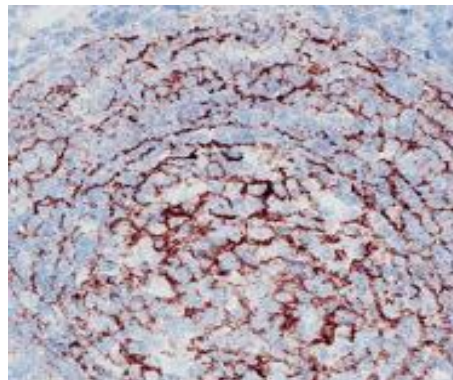
### Storage:

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 °C - 25 °C) for 30 minutes.

### Images:



Immunohistochemical results of CD35-labeled tonsil tissue (formalin-fixed, paraffin-embedded sections) using HKZ150187. Tris-EDTA buffer (pH 9.0) was used for antigen retrieval.

### Source of Reagents:

1. Biddle DA et al. Mod Pathol. 2002 Jan;15(1):50-8.
2. Dogan A et al. Am J Surg Pathol. 2003 Jul;27(7):903-11.

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发表[英文论文]请标注:CD35 (HKZ150187) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

