

## CD34 Recombinant Rabbit Monoclonal Antibody

**Cat:** HKZ150165

**Company:** HaoKebio

**Uniprot ID:** P28906

**Organism:** Rabbit

**Species reactivity:** Human

**Predicted Molecular Weight:** 41 kDa

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

IHC-Polymer: 1:400-1:800

TSA: 1:500-1:1000

### Background:

CD34 (also known as hematopoietic progenitor cell antigen) is a highly glycosylated transmembrane glycoprotein. Due to alternative splicing, CD34 protein exists in two isoforms. Studies suggest CD34 functions as a signaling molecule that maintains the plasticity of undifferentiated cell types. In tumor tissues, CD34 is expressed on myeloid cells in myelodysplastic syndromes and most acute myeloid leukemias (AML), as well as on lymphocytes in acute lymphoblastic leukemias. CD34 staining is useful for identifying myelomas and lymphomas, as well as spindle cell tumors (particularly for diagnosing gastrointestinal stromal tumors and angiosarcomas).

### Protein full name:

CD34 molecule

### Synonyms:

CD34

### Immunogen:

A synthetic peptide corresponding to amino acid residues 285-385 of CD34.

### Isotype:

IgG

### Subcellular location:

Cell membrane

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

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

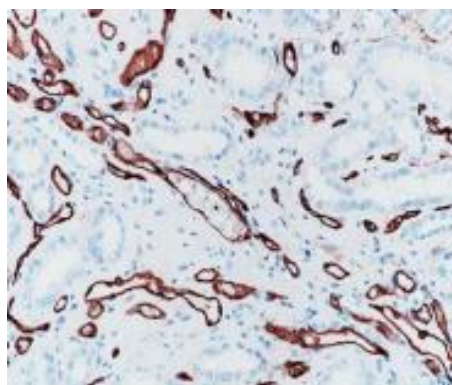
### Storage:

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 CD34 labeling in kidney tissue (formalin-fixed, paraffin-embedded sections) using HKZ150165. Antigen retrieval was performed with Tris-EDTA buffer (pH 9.0).

### Source of Reagents:

1. Baumheter S, et al. Science. 1993 Oct 15;262(5132):436-8.
2. Fina L, et al. Blood. 1990 Jun 15;75(12):2417-26.

### Source of Reagents:

发表[中文论文]请标注: CD34 (HKZ150165) 由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注: CD34 (HKZ150165) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

