

CD34 Recombinant antibody

Cat:B32036R
Company: Haokebio

Uniprot ID: P28906

Applications: IHC:1:100-1:200

Organism: Rabbit

IHC-Polymer:1:400-1:800

Species reactivity: Human

TSA:1:500-1:1000

Background:

CD34 (also known as bone marrow progenitor cell antigen) is a highly glycosylated type I transmembrane glycoprotein. Due to alternative splicing, there are two forms of the CD34 protein. Studies have shown that CD34 is a signaling molecule that maintains the phenotypic plasticity of undifferentiated cells. In tumor tissues, CD34 is present in myeloid cells of myelodysplastic syndromes and most cases of acute myeloid leukemia (AML), as well as in lymphoblasts of acute lymphoblastic leukemia (ALL). CD34 staining aids in the identification of myelomas, lymphomas, and spindle cell tumors—particularly in the identification of gastrointestinal stromal tumors (GISTs) and angiosarcomas.

Protein full name:

CD34 molecule

Synonyms:

3C8G12, CD34 molecule

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.

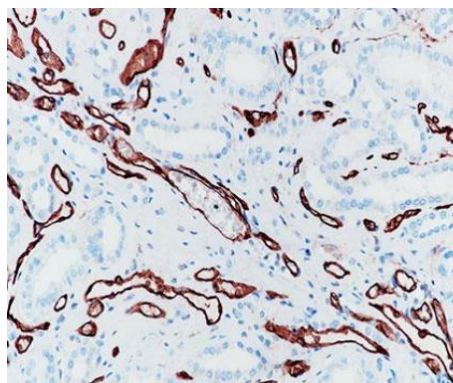
Storage:

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 kidney tissue, 4% PFA 12-24h

Source of Reagents:

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