

# CD34 Recombinant antibody

**Cat:**B36489S

**Company:** HaoKebio

**Uniprot ID:**Q64314

**Applications:** IHC:1:500-1:2000

**Organism:**Rabbit

IHC-Polymer:1:2000-1:8000

**Species reactivity:**Mouse

IHC-TSA:1:2500-1:10000

**Molecular Weight Calculation:** 41 kDa

IF:1:50-1:100

**Observed Molecular Weight:** 105 kDa

WB:1:5000-1:50000

**Background:**

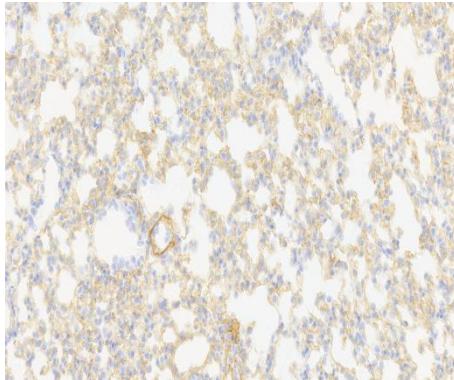
CD34 is a 105- to 120-kDa glycoprophoprotein expressed on the majority of hematopoietic stem/progenitor cells, bone marrow stromal cells, capillary endothelial cells, embryonic fibroblasts, and some nerve tissue. CD34 is a commonly used marker for identifying human hematopoietic stem/progenitor cells and mediates cell adhesion and lymphocyte homing by binding L-selectin and E-selectin ligands. CD34 is also one of the best negative selection markers for characterizing and/or isolating human MSCs from bone marrow and other sources. Along with other positive selection markers (such as CD29, CD44, CD90, CD105 and CD166), negative selection markers (such as CD34 and CD45) are used for MSC identification.

**Storage:**

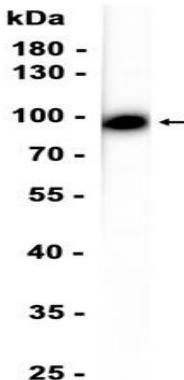
Store at -20 °C for one year.

**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 lung, 4% PFA 12-24h

**Mouse testis**


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

**Source of Reagents:**
**Synonyms:**

240659C7, CD34 antigen

**Immunogen:**

Recombinant protein

**Isotype:**

IgG

**Subcellular location:**

Membrane

**Purity:**

Affinity purification

**Form:**

Liquid

**Storage Buffer:**

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

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