

CD31 Recombinant Rabbit Monoclonal Antibody

Cat:HKZ150155

Company: HaoKebio

Uniprot ID:P16284

Organism:Rabbit

Species reactivity:Human

Predicted Molecular Weight: 83 kDa

Applications: IHC: 1:100-1:200

IHC-Polymer: 1:400-1:800

TSA:1:500-1:1000

Background:

CD31, also known as PECAM-1 (Platelet Endothelial Cell Adhesion Molecule-1), is a transmembrane glycoprotein belonging to the immunoglobulin superfamily. It plays a critical role in platelet adhesion and aggregation. CD31 is expressed on the surface of platelets, monocytes, macrophages, and neutrophils, and is a component of endothelial cell junctions. It is widely regarded as one of the most sensitive and specific endothelial markers for paraffin-embedded sections, making it an excellent marker for both benign and malignant vascular tumors.

Protein full name:

Platelet/endothelial cell adhesion molecule

Synonyms:

PECAM1, GPIIA

Immunogen:

A synthetic peptide corresponding to amino acid residues 634–734 of CD31.

Isotype:

IgG

Subcellular location:

Cell membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

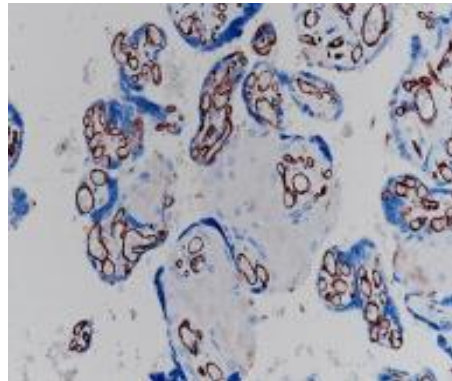
Storage:

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 CD31-labeled placental tissue (formalin-fixed, paraffin-embedded sections) using HKZ150155. Tris-EDTA buffer (pH 9.0) was used for antigen retrieval.

Source of Reagents:

1. Feng YM, et.al, Eur Rev Med Pharmacol Sci. 2016 Oct;20(19).
2. Pusztaszeri MP, et.al, J Histochem Cytochem. 2006 Apr;54(4):385-95.

Source of Reagents:

发表[中文论文]请标注: CD31 (HKZ150155) 由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注: CD31 (HKZ150155) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

