

Datasheet for ABIN7249650
anti-CD31 antibody



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1 Image

Overview

Quantity:	200 µL
Target:	CD31 (PECAM1)
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD31 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH conjugated Synthetic peptide corresponding to Mouse CD31
Clone:	9A9A4
Isotype:	IgG
Characteristics:	Monoclonal Antibody
Purification:	Affinity purification

Target Details

Target:	CD31 (PECAM1)
Alternative Name:	CD31 (PECAM1 Products)
Background:	Platelet endothelial cell adhesion molecule-1 (PECAM-1,CD31) is a member of the immunoglobulin gene superfamily of cell adhesion molecules. It is highly expressed on the

Target Details

surface of the endothelium,making up a large portion of its intracellular junctions. PECAM-1 is also present on the surface of hematopoietic cells and immune cells including platelets,monocytes,neutrophils,natural killer cells,megakaryocytes and some types of T-cell . As well as its role in cell-cell adhesion,PECAM-1 functions as a signaling receptor,and is involved in important physiological events such as nitric oxide production,regulation of T-cell immunity and tolerance,leukocyte transendothelial migration and inflammation and angiogenesis .

UniProt: [Q3SWT0](#)

Pathways: [Regulation of Actin Filament Polymerization](#)

Application Details

Application Notes: IHC 1:200-1:500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.77 mg/mL

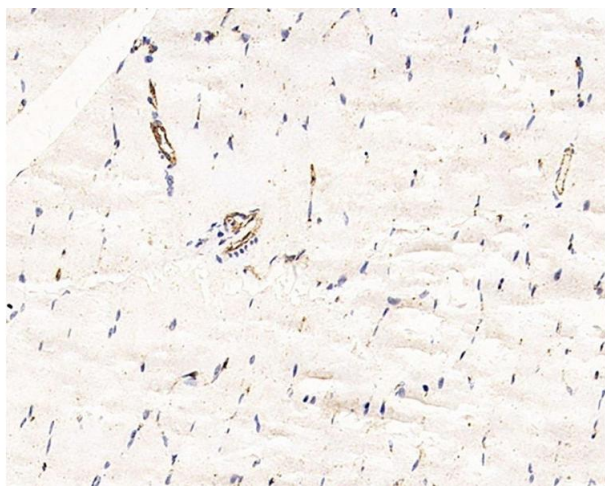
Buffer: PBS with 0.02 % sodium azide, 1 % BSA and 50 % glycerol, pH 7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis of paraffin-embedded Rat skeletal muscle using CD31 Monoclonal Antibody at dilution of 1:200.