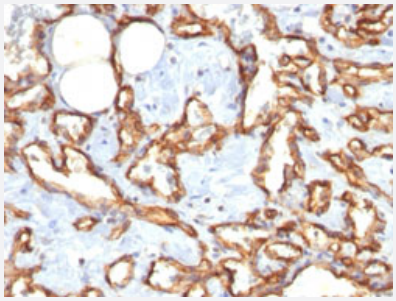
RecomAb™

PECAM1 recombinant monoclonal antibody, clone C31/1395R

Catalog # RAB00345 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human angiosarcoma with PECAM1 recombinant monoclonal antibody, clone C31/1395R (Cat # RAB00345).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human PECAM1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human PECAM1.
Theoretical MW (kDa)	~100, ~130
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10^6 cells) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA, 0.05% sodium azide)

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Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human angiosarcoma with PECAM1 recombinant monoclonal antibody, clone C31/1395R (Cat # RAB00345).

- Immunofluorescence

- Flow Cytometry

Gene Info — PECAM1

Entrez GeneID	5175
Protein Accession#	P16284
Gene Name	PECAM1
Gene Alias	CD31, PECAM-1
Gene Description	platelet/endothelial cell adhesion molecule
Omim ID	173445
Gene Ontology	Hyperlink
Gene Summary	CD31/EndoCAM|adhesion molecule
Other Designations	CD31 antigen|CD31/EndoCAM|PECAM-1, CD31/EndoCAM|adhesion molecule

Publication Reference

- The transcription factor LMO2 is a robust marker of vascular endothelium and vascular neoplasms and selected other entities.

  Gratzinger D, Zhao S, West R, Rouse RV, Vogel H, Gil EC, Levy R, Lossos IS, Natkunam Y.

  American Journal of Clinical Pathology 2009 Feb; 131(2):264.

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Pathway

- Cell adhesion molecules (CAMs)
- Leukocyte transendothelial migration

Disease

- Acute Disease
- Angina Pectoris
- Arteriosclerosis
- Asthma
- Astrocytoma
- Atherosclerosis
- Brain Ischemia
- Bronchiolitis
- Cadaver
- Cerebral Hemorrhage
- Chorioamnionitis
- Cicatrix
- Coronary Artery Disease
- Coronary Disease
- Coronary Stenosis
- Diabetes Mellitus
- Diabetic Retinopathy
- Disease Progression
- Disease Susceptibility

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- Fetal Membranes
- Genetic Predisposition to Disease
- Graft vs Host Disease
- Hematologic Diseases
- Hematologic Neoplasms
- Hypercholesterolemia
- Hypertension
- Infant
- Infection
- Inflammation
- Intracranial Hemorrhages
- Kidney Failure
- Leukemia
- Malaria
- Metabolic Syndrome X
- Multiple Sclerosis
- Myocardial Infarction
- Obesity
- Obstetric Labor
- Osteosarcoma
- Pre-Eclampsia
- Premature Birth
- Recurrence
- Renal Insufficiency
- Respiratory Syncytial Virus Infections
- Stroke

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- Subarachnoid Hemorrhage
- Syndrome
- Urinary Tract Infections
- Venous Thrombosis
- Werner syndrome

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