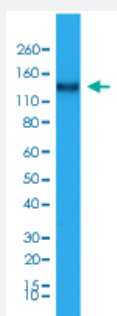


RecomAb™

PECAM1 monoclonal antibody, clone RM247

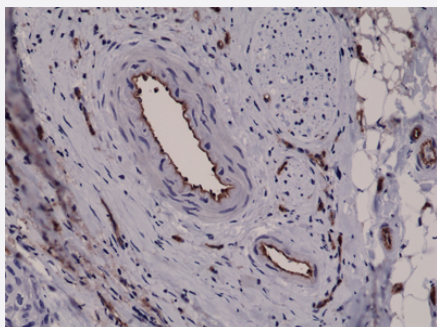
Catalog # MAB15129 Size 100 uL

Applications



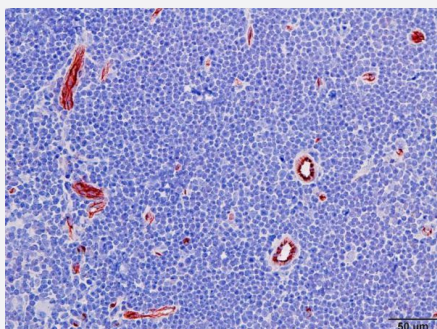
Western Blot (Cell lysate)

Western blot analysis of Jurkat cell lysates with PECAM1 monoclonal antibody, clone RM247 (Cat # MAB15129) at a 1:1000 dilution, showed PECAM1 (~130 kDa) expression in Jurkat cells.



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human breast cancer with PECAM1 monoclonal antibody, clone RM247 (Cat # MAB15129) at a 1:2500 dilution.



Immunohistochemistry

Immunohistochemical staining of frozen Guinea Pig Thyroid tissue sections using PECAM1 monoclonal antibody, clone RM247 (Cat# MAB15129) at a 1:2500 dilution.

Specification

Product Description

Rabbit recombinant monoclonal antibody raised against of human PECAM1.

Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to cytoplasmic domain region of human PECAM1.
Sequence	N/A
Reactivity	Human
Form	Liquid
Purification	Protein A affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:1000-1:2500) Western Blot (1:1000-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol, 1% BSA, 0.09% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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- Immunohistochemistry

Immunohistochemical staining of frozen Guinea Pig Thyroid tissue sections using PECAM1 monoclonal antibody, clone RM247 (Cat# MAB15129) at a 1:2500 dilution.

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

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](#)
- [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](#)
- [Subarachnoid Hemorrhage](#)
- [Syndrome](#)
- [Urinary Tract Infections](#)
- [Venous Thrombosis](#)
- [Werner syndrome](#)