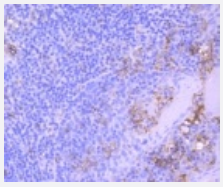
RecomAb™ Sm Size

PECAM1 recombinant monoclonal antibody

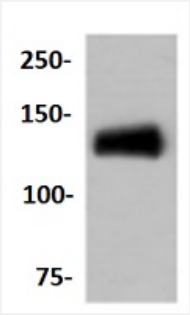
Catalog # RAB09417 Size 50 uL

Applications



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

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using PECAM1 recombinant monoclonal antibody (Cat # RAB09417). Counter stained with hematoxylin.



Western Blot (Cell lysate)

Western blot analysis of Lane1:THP-1 whole cell lysate with PECAM1 recombinant monoclonal antibody (Cat # RAB09417) at 1:1000 dilution.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against PECAM1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant PECAM1.
Theoretical MW (kDa)	130
Reactivity	Human
Specificity	This antibody detects endogenous levels of CD31 and does not cross-react with related proteins.

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Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Protein A purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:50-1:100) Immunohistochemistry (1:50-1:200) Western Blot (1:1000-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.2 (50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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

  Immunohistochemical analysis of paraffin-embedded human tonsil tissue using PECAM1 recombinant monoclonal antibody (Cat # RAB09417). Counter stained with hematoxylin.

- Western Blot (Cell lysate)

  Western blot analysis of Lane1:THP-1 whole cell lysate with PECAM1 recombinant monoclonal antibody (Cat # RAB09417) at 1:1000 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

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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

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- 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

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- Renal Insufficiency
- Respiratory Syncytial Virus Infections
- Stroke
- Subarachnoid Hemorrhage
- Syndrome
- Urinary Tract Infections
- Venous Thrombosis
- Werner syndrome

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