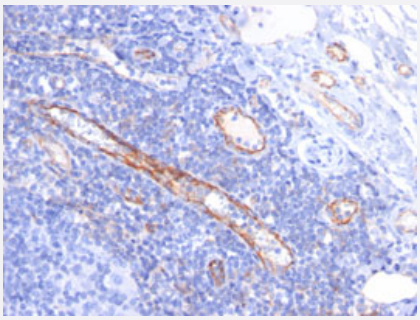
PECAM1 monoclonal antibody, clone C31.7

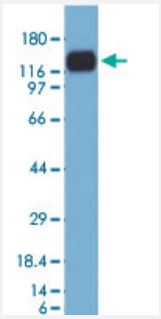
Catalog # MAB11255 Size 100 ug

Applications



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

Immunohistochemical staining of human tonsil with PECAM1 monoclonal antibody, clone C31.7 (Cat # MAB11255) at 1:100 dilution.



Western Blot (Cell lysate)

Western blot analysis of THP-1 cell lysate with PECAM1 monoclonal antibody, clone C31.7 (Cat # MAB11255) at 1 ug/ml.

Specification

Product Description	Mouse monoclonal antibody raised against PECAM1.
Immunogen	Spleen membranes from a human with hairy cell leukemia.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Isotype	IgG1 Kappa

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Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:100-1:200) Western Blot (1-3 ug/ml) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% BSA, 0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
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 staining of human tonsil with PECAM1 monoclonal antibody, clone C31.7 (Cat # MAB11255) at 1:100 dilution.

- Immunofluorescence

- Western Blot (Cell lysate)

  Western blot analysis of THP-1 cell lysate with PECAM1 monoclonal antibody, clone C31.7 (Cat # MAB11255) at 1 ug/ml.

Gene Info — PECAM1

Entrez GeneID	5175
Protein Accession#	NP_000433
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

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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
- Fetal Membranes

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- 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

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

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