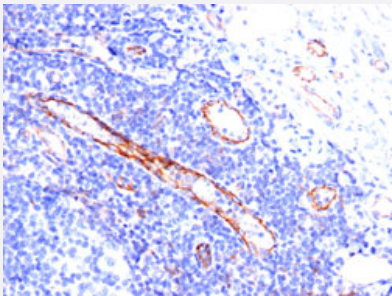


PECAM1 monoclonal antibody, clone JC/70A

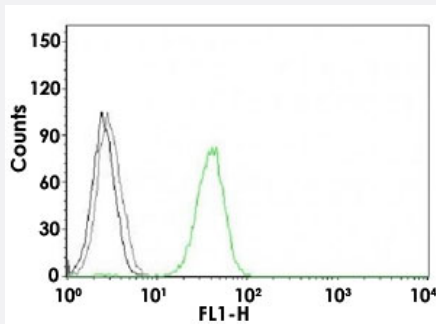
Catalog # MAB13013 Size 100 ug

Applications



Immunohistochemistry

Immunohistochemical staining of human tonsil with PECAM1 monoclonal antibody, clone JC/70A (Cat # MAB13013) at 1:100-1:200 dilution, for 30 min at RT.



Flow Cytometry

Flow cytometric analysis of Jurkat cells with PECAM1 monoclonal antibody, clone JC/70A (Cat # MAB13013). Black: Cells alone, Gary: Isotype control, Green: AF488 labeled format of PECAM1 monoclonal antibody, clone JC/70A.

Specification

Product Description	Mouse monoclonal antibody raised against native PECAM1.
Immunogen	Membrane preparation of a spleen from a patient with hairy cell leukemia.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A/G affinity chromatography
Isotype	IgG1, kappa

Recommend Usage	Flow Cytometry (0.5-1 ug/million cells) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (1-2 ug/mL for 30 min at RT) Western Blot (0.5-1.0 ug/mL) The optimal working dilution should be determined by the end user.
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Storage Buffer	In PBS, pH 7.4 (without BSA and Sodium Azide).
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Storage Instruction	Store at -20 to -80 °C. Avoid repeated freezing and thawing.
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Applications

- Western Blot

- Immunohistochemistry

Immunohistochemical staining of human tonsil with PECAM1 monoclonal antibody, clone JC/70A (Cat # MAB13013) at 1:100-1:200 dilution, for 30 min at RT.

- Immunofluorescence

- Flow Cytometry

Flow cytometric analysis of Jurkat cells with PECAM1 monoclonal antibody, clone JC/70A (Cat # MAB13013). Black: Cells alone, Gary: Isotype control, Green: AF488 labeled format of PECAM1 monoclonal antibody, clone JC/70A.

Gene Info — PECAM1

Entrez GeneID	5175
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Gene Name	PECAM1
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Gene Alias	CD31, PECAM-1
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Gene Description	platelet/endothelial cell adhesion molecule
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Omim ID	173445
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Gene Ontology	Hyperlink
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Gene Summary	CD31/EndoCAM adhesion molecule
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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](#)

- [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](#)