

# PECAM1 monoclonal antibody, clone JC/70A (PE)

Catalog # MAB13014      Size 500 uL

## Specification

|                            |                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Mouse monoclonal antibody raised against native PECAM1.                                                                |
| <b>Immunogen</b>           | Membrane preparation of a spleen from a patient with hairy cell leukemia.                                              |
| <b>Host</b>                | Mouse                                                                                                                  |
| <b>Reactivity</b>          | Human                                                                                                                  |
| <b>Form</b>                | Liquid                                                                                                                 |
| <b>Conjugation</b>         | PE                                                                                                                     |
| <b>Purification</b>        | Protein A/G purification                                                                                               |
| <b>Isotype</b>             | IgG1, kappa                                                                                                            |
| <b>Recommend Usage</b>     | Flow Cytometry (5 uL/million cells)<br>Immunofluorescence (1:50-1:100 for 30 minutes at RT)                            |
| <b>Storage Buffer</b>      | In PBS (0.05% BSA, 0.05% sodium azide)                                                                                 |
| <b>Storage Instruction</b> | Store at 4°C.                                                                                                          |
| <b>Note</b>                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

## Applications

- Immunofluorescence
- Flow Cytometry

## Gene Info — PECAM1

|                    |                                                                   |
|--------------------|-------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">5175</a>                                              |
| Gene Name          | PECAM1                                                            |
| Gene Alias         | CD31, PECAM-1                                                     |
| Gene Description   | platelet/endothelial cell adhesion molecule                       |
| Omim ID            | <a href="#">173445</a>                                            |
| Gene Ontology      | <a href="#">Hyperlink</a>                                         |
| 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](#)