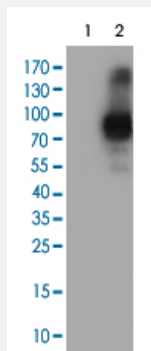


PECAM1 monoclonal antibody, clone 1H6

Catalog # MAB16410

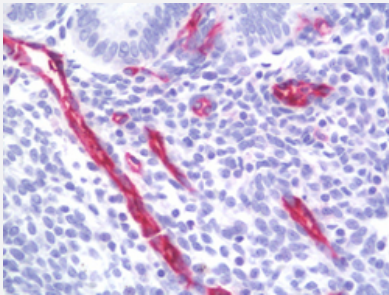
Size 50 uL

Applications



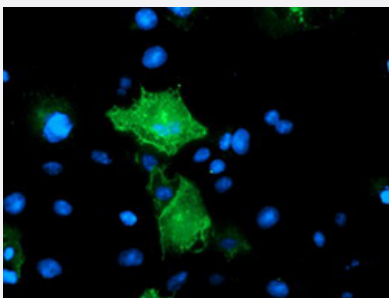
Western Blot (Transfected lysate)

Western Blot analysis of HEK293T cells (Lane 1: transfected with pCMV6-ENTRY control and Lane 2: transfected with pCMV6-ENTRY PECAM1 cDNA) with PECAM1 monoclonal antibody, clone 1H6 (Cat # MAB16410).



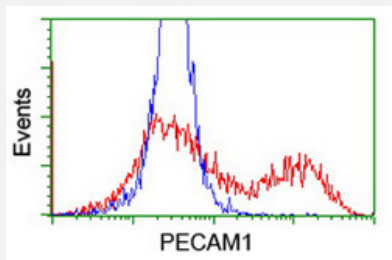
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human uterus, endometrium with PECAM1 monoclonal antibody, clone 1H6 (Cat # MAB16410).



Immunofluorescence

Immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY PECAM1 with PECAM1 monoclonal antibody, clone 1H6 (Cat # MAB16410).



Flow Cytometry

Flow cytometric analysis of HEK293T cells transfected with either overexpressor plasmid (Red) or empty vector control plasmid (Blue) using PECAM1 monoclonal antibody, clone 1H6 (Cat # MAB16410).

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human PECAM1.
Immunogen	Recombinant protein corresponding to full length human PECAM1 from HEK293T cell.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG1
Recommend Usage	Flow Cytometry (1:100) Immunofluorescence (1:100) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (20 ug/mL) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.3 (50% glycerol, 1% BSA, 0.02% 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 (Transfected lysate)

Western Blot analysis of HEK293T cells (Lane 1: transfected with pCMV6-ENTRY control and Lane 2: transfected with pCMV6-ENTRY PECAM1 cDNA) with PECAM1 monoclonal antibody, clone 1H6 (Cat # MAB16410).

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human uterus, endometrium with PECAM1 monoclonal antibody, clone 1H6 (Cat # MAB16410).

- Immunofluorescence

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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](#)