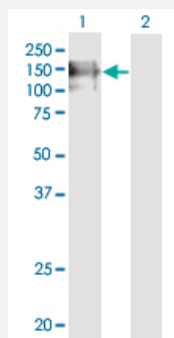


PECAM1 monoclonal antibody (M02), clone 4E3-1D9

Catalog # H00005175-M02

Size 100 ug

Applications

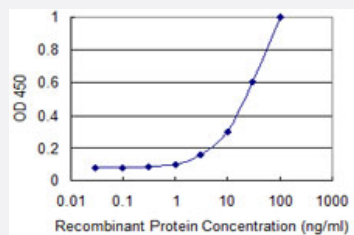


Western Blot (Transfected lysate)

Western Blot analysis of PECAM1 expression in transfected 293T cell line by PECAM1 monoclonal antibody (M02), clone 4E3-1D9.

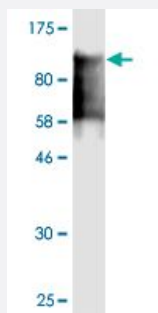
Lane 1: PECAM1 transfected lysate (Predicted MW: 82.4 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PECAM1 is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (103.95 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant PECAM1.

Immunogen	PECAM1 (AAH22512, 29 a.a. ~ 738 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	ENSFTINSVDMKSLPDWTVQNGKNLTLCFADVSTTSHVKPQHQMFLFYKDDVLFYNISSMKSTES YFIPEVRYDSGTYKCTVIVNNKEKTTAEYQVLVEGVSPRVTLDKKEAIQGGMRVNCSPPEEKAPI HFTIEKLELNEKMMVKLKREKNSRDQNFVILEFPVEEQDRVLSFRCQARIISGIHMQTSESTKSELVT VTESFSTPKFHHISPTGMIMEGAQLHIKCTIQVTHLAQEFPEIIQKDKAIVAHNRHGNKAVYSVMAMV EHSNYTCKVESSRISKVSSMVNITELFSKPELESSFTHLDQGERLNLSCSIPGAPPANFTIQKEDT IVSQTQDFTKIASKSDSGTYICTAGIDKVVKKSNTVQIVVCEMLSQPRISYDAQFEVIKGQTIEVRCE SISGTLPISYQLLKTSKVLENSTKNSNDPAVFKDNPTEDVEYQCVDNCHSHAKMLSEVLRVKVIA PVDEVQISILSSKVVESGEDMLQCAVNEGSGPITYKFYREKEGKPFYQMTSNATQAFWTKQKANK EQEGEYCTAFNRANHASSVPRSKILTVRVILAPWKKGLIAVVIGVIALIIIAKCYFLRKAKAKQMP VEMSRPAVPLLNSNNEKMSDPNMEANSHYGHNDVDVGNHAMKPINDNKEPLNSDVQYTEVQVSS AESHKDLGKKDTETVYSEVRKAVPDAVESRYSRTEGSLDGT
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (103.95 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of PECAM1 expression in transfected 293T cell line by PECAM1 monoclonal antibody (M02), clone 4E3-1D9.

Lane 1: PECAM1 transfected lysate (Predicted MW: 82.4 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PECAM1 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PECAM1

Entrez GeneID	5175
GeneBank Accession#	BC022512
Protein Accession#	AAH22512
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](#)