

Anti-PECAM1 antibody

Cat. No.	ml260701
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-PECAM1 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human PECAM1
Reactivity	Human, Mouse
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	PECAM1
Full name	Platelet/endothelial cell adhesion molecule 1

Synonyms CD31, PECA1, GPIIA', PECAM-1, endoCAM, CD31/EndoCAM

Swissprot P16284

Target Background

The protein encoded by this gene is found on the surface of platelets, monocytes, neutrophils, and some types of T-cells, and makes up a large portion of endothelial cell intercellular junctions. The encoded protein is a member of the immunoglobulin superfamily and is likely involved in leukocyte migration, angiogenesis, and integrin activation.

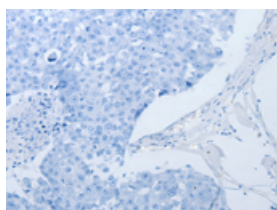
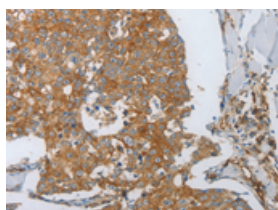
Applications

Immunohistochemistry

Predicted cell location: Membrane, Cell junction

Positive control: Human breast cancer

Recommended dilution: 25-100

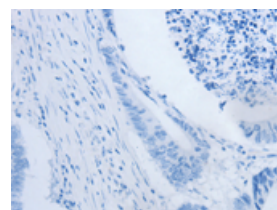
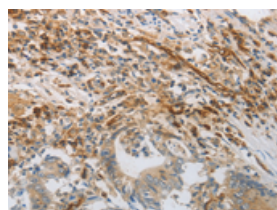


The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml260701(PECAM1 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Predicted cell location: Membrane, Cell junction

Positive control: Human colon cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml260701(PECAM1 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 83 kDa

Positive control: Jurkat cells

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

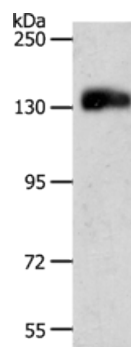
Lysate: 60 μ g

Lane: Jurkat cells

Primary antibody: ml260701(PECAM1 Antibody) at dilution 1/500

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 minutes



ELISA

Recommended dilution: 1000-5000

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