

Catalog #: 52749

Aliases

PECAM1; Platelet And Endothelial Cell Adhesion Molecule 1; CD31 Antigen; CD31; Platelet Endothelial Cell Adhesion Molecule; PECAM-1; EndoCAM; GPIIA'; PECA1; Platelet/Endothelial Cell Adhesion Molecule 1; Platelet Endothelial Cell Adhesion Molecule-1; CD31/EndoCAM

Background

Gene Name: PECAM1

NCBI Gene Entry: [5175](#)

UniProt Entry: [P16284](#)

Application Information

Molecular Weight: Predicted, 83 kDa; observed, 130 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB6940

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), immunohistochemistry (IHC), immunocytochemistry (IC)

Isotype

Rabbit IgG,Kappa

Storage Buffer

Supplied in PBS containing 50% glycerol, 0.05% Proclin 300 and 0.05%BSA.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Immunohistochemistry (IHC): 1:1,000-1:2,000

Immunocytochemistry (IC): 1:200-1:1,000

Note: This product is for research use only.

Validation Data

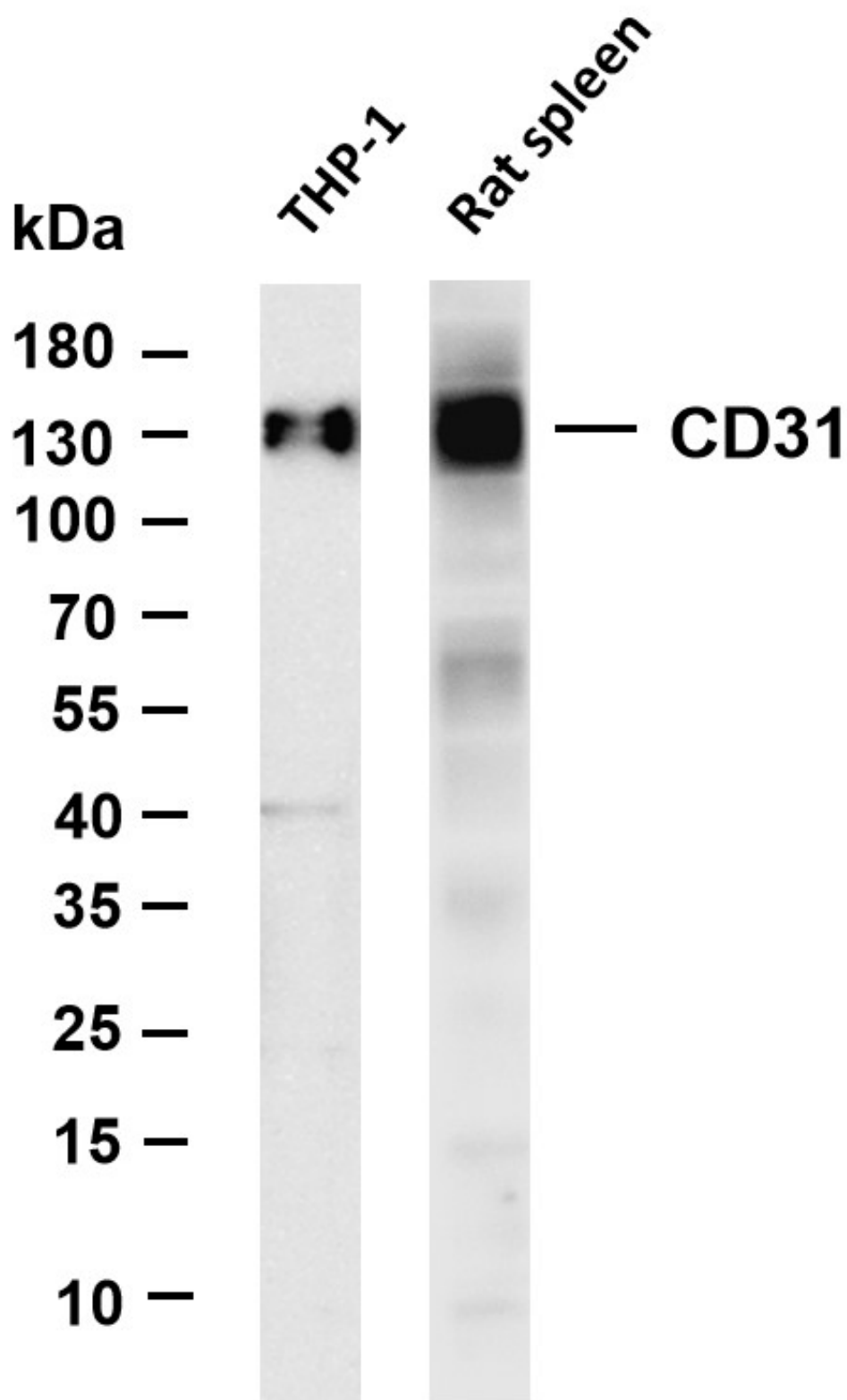
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Western blotting analysis using anti-CD31 antibody (Cat#52749). Total lysates were loaded and separated by SDS-PAGE. The blot was incubated with anti-CD31 antibody (Cat#52749, 1:1,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

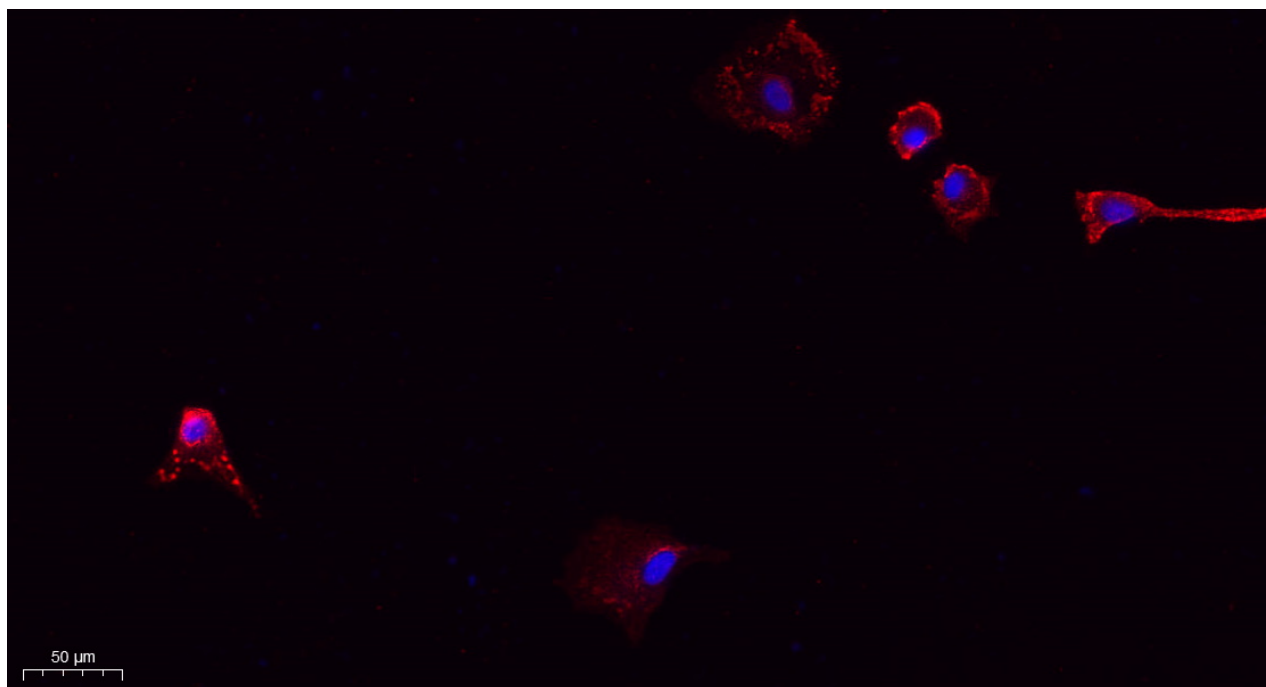
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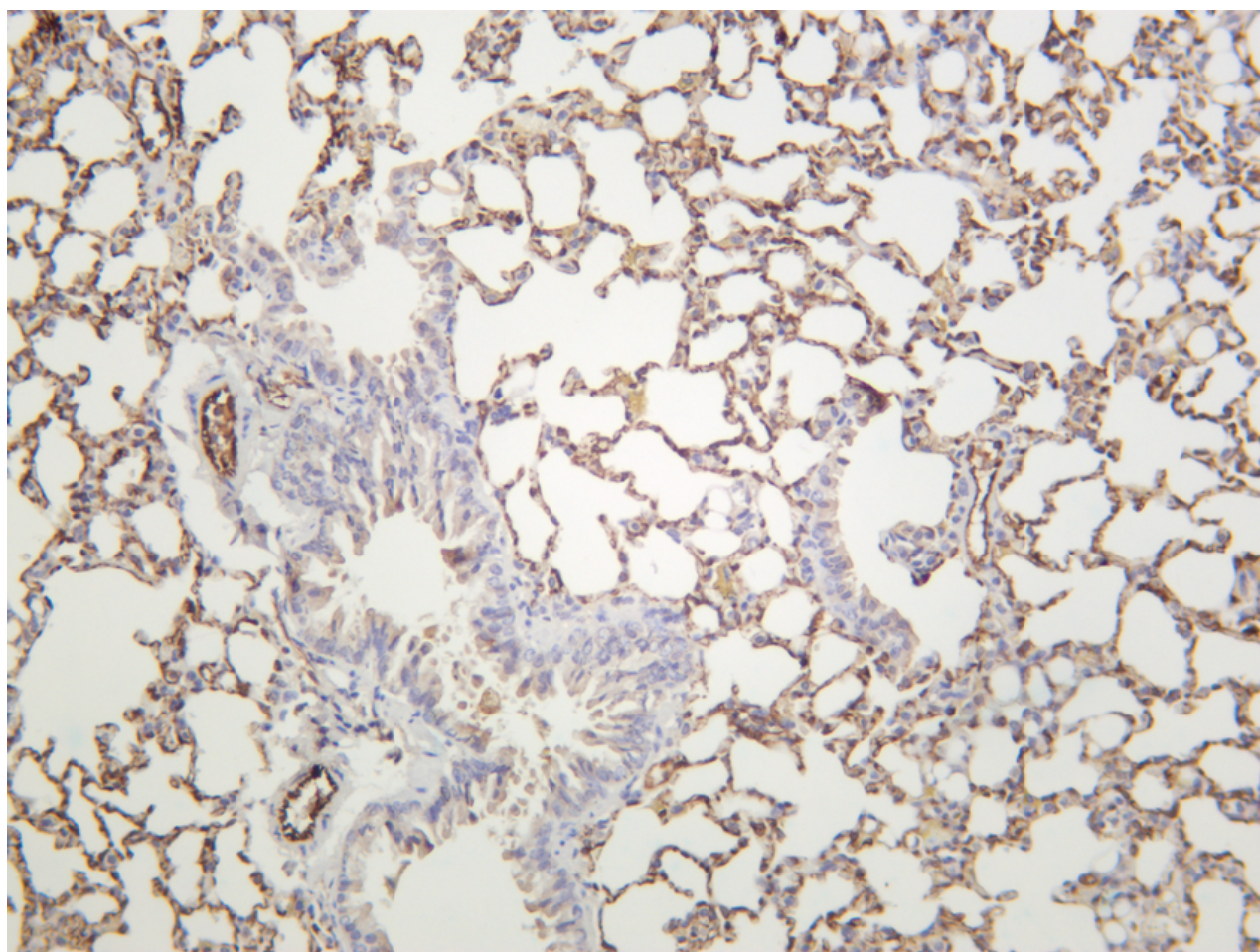
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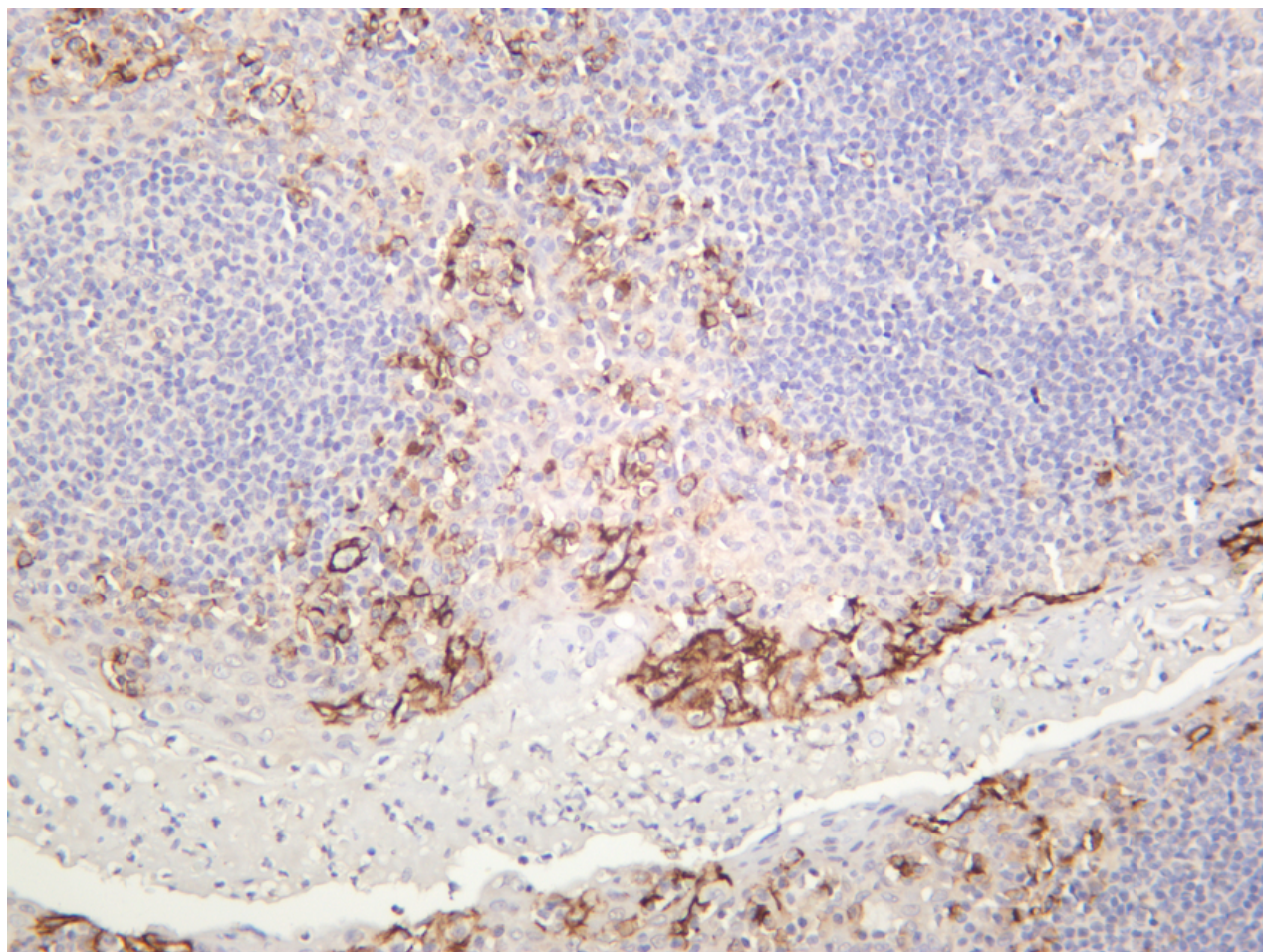
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Immunocytochemical analysis of A549. Primary antibody (red) was diluted at 1:200 (4°C overnight). Goat Anti Rabbit IgG (H&L) - Alexa Fluor 594 Secondary antibody was diluted at 1:1,000(room temperature, 50min). DAPI (blue) 10min.



Mouse lung was stained with anti-CD31 antibody.



Human tonsil was stained with anti-CD31 antibody.