

VE-Cadherin (PT0553R) PT™ Rabbit mAb

CatalogNo: YM8373 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Mouse,Rat

Applications

- WB,IHC,IF,IP,ELISA

MW

- 88kD (Calculated)
- 90-140kD (Observed)

Isotype

- IgG, Kappa

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

Recommended Dilution Ratios

IHC 1:200-1:1000

WB 1:2000-1:10000

IF 1:200-1:1000

ELISA 1:5000-1:20000

IP 1:50-1:200

Basic Information

Clonality Monoclonal

Clone Number PT0553R

Immunogen Information

Immunogen The specific immunogen used to produce this antibody is proprietary information.

Specificity Endogenous

| Target Information

Gene name CDH5

Protein Name Cadherin-5

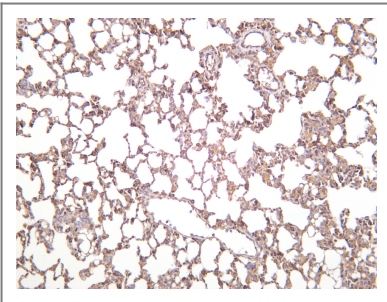
Organism	Gene ID	UniProt ID
Human	1003 ;	P33151 ;
Mouse	12562 ;	P55284 ;

Cellular Localization Membrane

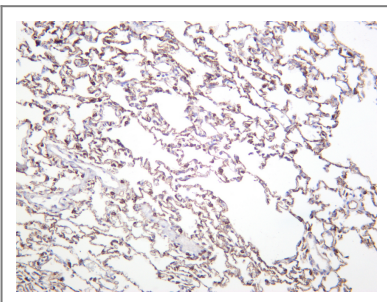
Tissue specificity Endothelial tissues and brain.

Function Function:Cadherins are calcium dependent cell adhesion proteins. ,Function:Cadherins are calcium dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. This cadherin may play a important role in endothelial cell biology through control of the cohesion and organization of the intercellular junctions. It associates with alpha-catenin forming a link to the cytoskeleton. ,similarity:Contains 5 cadherin domains. ,subcellular location:Found at cell-cell boundaries and probably at cell-matrix boundaries. ,tissue specificity:Endothelial tissues and brain. ,

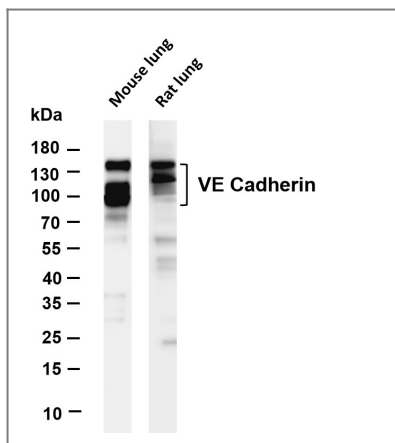
| Validation Data



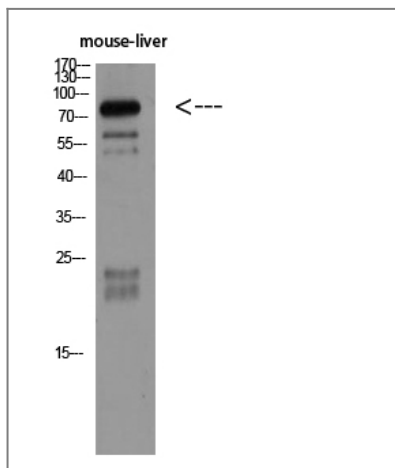
Mouse lung was stained with anti-VE Cadherin rabbit antibody



Rat lung was stained with anti-VE Cadherin rabbit antibody



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-VE Cadherin antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: Mouse lung Lane 2: Rat lung Predicted band size: 88kDa Observed band size: 90-140kDa



Western Blot analysis of mouse-liver using VE-Cadherin Antibody diluted at 1:500. Secondary antibody (catalog#:RS0002) was diluted at 1:20000



Western Blot analysis of mouse-lung mouse-kidney mouse-heart using VE-Cadherin Antibody diluted at 1:500. Secondary antibody (catalog#:RS0002) was diluted at 1:20000

Contact information

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Please scan the QR code to access additional product information:
VE-Cadherin (PT0553R) PT™
Rabbit mAb

