



VE Cadherin (ANT0053R) Rabbit mAb

CatalogNo: ANT8373 **Recombinant** 

Formulation: PBS,50%glycerol,0.05%Proclin 300,0.05%BSA
Quantity : 100 ug/vial

Host Species

- Rabbit

MW

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

Reactivity

- Mouse,Rat,

Isotype

- IgG,Kappa

Applications

- WB,IHC,IF,IP,ELISA

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

Storage

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

Basic Information

Clonality Monoclonal

Clone Number ANT0053R

Target Information

Endogenous

Gene name CDH5
Protein Name Cadherin-5

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

Cellular Membrane
Localization

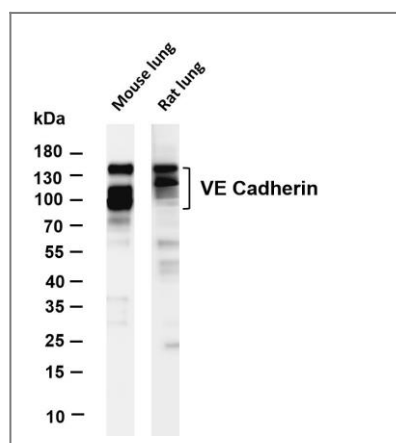
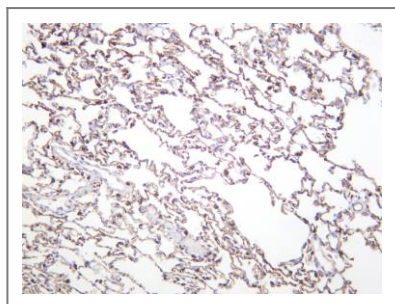
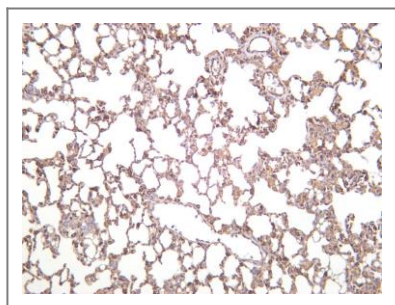
Tissue specificity Endothelial tissues and brain.

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 cellmatrix boundaries. tissue specificity: Endothelial tissues and brain.



Validation Data

Mouse lung was stained with anti-VE Cadherin (ANT0053R) rabbit antibody



Rat lung was stained with anti-VE Cadherin (ANT0053R) rabbit antibody

Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-VE Cadherin (ANT0053R) antibody. The HRPconjugated 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

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