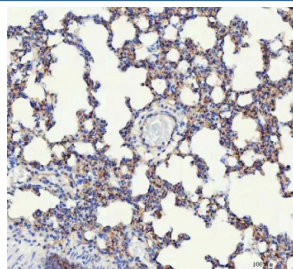


VE Cadherin Antibody (RQ4336)

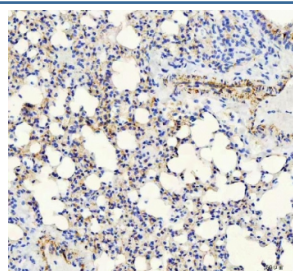
Catalog No.	Formulation	Size
RQ4336	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

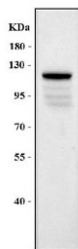
Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P55284
Localization	Cell junction
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 1-2ug/ml ELISA (Capture; Mouse Recombinant Protein) : 1-5ug/ml
Limitations	This VE Cadherin antibody is available for research use only.



IHC staining of FFPE mouse lung tissue with VE Cadherin antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE rat lung tissue with VE Cadherin antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of mouse lung tissue lysate with VE Cadherin antibody at 0.5ug/ml.
Expected molecular weight: 90~140 kDa depending on glycosylation level.

Description

CDH5 (Cadherin 5), also known as VE-Cadherin, is a type of cadherin. It is encoded by the human gene CDH5. This gene is mapped to 16q22.1 using somatic cell hybrid panels. Functioning as a classic cadherin by imparting to cells the ability to adhere in a homophilic manner, the protein may play an important role in endothelial cell biology through control of the cohesion and organization of the intercellular junctions. Therefore it was concluded that VE-cadherin serves the purpose of maintaining newly formed vessels.

Application Notes

Optimal dilution of the VE Cadherin antibody should be determined by the researcher.

Immunogen

A recombinant mouse protein corresponding to amino acids D46-E285 was used as the immunogen for the VE Cadherin antibody.

Storage

After reconstitution, the VE Cadherin antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.