

Basic Information

Product Name	Anti-VE-Cadherin/CDH5 Antibody	
Gene Name	CDH5	
Source	Rabbit	
Clonality	Polyclonal	
Isotype	IgG	
Species Reactivity	human, mouse, rat	
Tested Application	WB, IHC	
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.	
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human VE Cadherin, different from the related mouse and rat sequences by three amino acids.	
Concentration	500 ug/ml	
Purification	Immunogen affinity purified.	
Observed MW	88,120 kDa	
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry (IHC): 1:50-400 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.	

Storage

12 months from date of receipt, -20°C as supplied.

Background Information

CDH5(Cadherin 5), also known as VE-cadherin, is a type of cadherin. It is encoded by the human gene CDH5. Kremmidiotis et al.(1998) mapped the human CDH5 gene 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.

Reference

Anti-VE-Cadherin/CDH5 Antibody 被引用在9文献中。

Selected Validation Data

