



For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-VE-Cadherin Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
Pack size	50/100/200/500/1000 μ l	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background

The cadherins are a family of Ca²⁺-dependent adhesion molecules that function to mediate cell-cell binding critical to the maintenance of tissue structure and morphogenesis. The classic cadherin subfamily includes N-, P-, R-, B-, and E-cadherins, as well as about ten other members that are found in adherens junctions, a cellular structure near the apical surface of polarized epithelial cells. Research studies indicate that cancer cells have up-regulated N-cadherin in addition to loss of E-cadherin. This change in cadherin expression is called the "cadherin switch". VE-cadherin (for vascular endothelial cadherin, also designated cadherin-5) is localized at intercellular junctions of endothelial cells, where it is thought to play a role in the cohesion and organization of intercellular junctions.

Immunogen

Polyclonal antibody is produced by immunizing animals with a recombinant protein of VE-Cadherin.

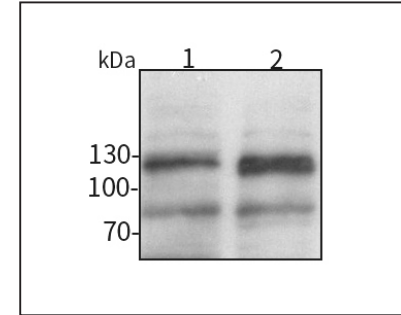
Purification

Polyclonal antibody was purified by Protein A affinity chromatography.



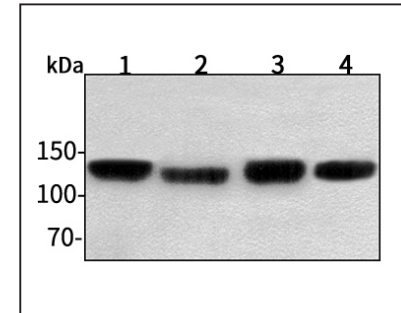
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Product Images



Western blot-Anti-VE-Cadherin pAb

Lane 1: Human HeLa cell lysate
Lane 2: Human BGC-823 cell lysate
All lanes: Anti-VE-Cadherin at 1:1000 dilution
 Lysates/proteins at 20-50 μ g per lane.
 Predicted band size: 88 kDa
 Observed band size: 88-130 kDa



Western blot-Anti-VE-Cadherin pAb

Lane 1: Mouse brain tissue lysate
Lane 2: Mouse testicle tissue lysate
Lane 3: Rat heart tissue lysate
Lane 4: Rat liver tissue lysate
All lanes: Anti-VE-Cadherin at 1:1000 dilution
 Lysates/proteins at 20-50 μ g per lane.
 Predicted band size: 88 kDa
 Observed band size: 88-130 kDa