

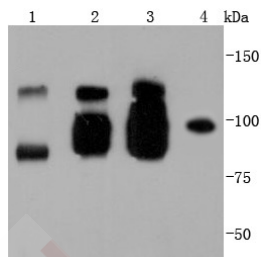
Anti-VE-Cadherin Antibody (2J224)

Product Details

| | |
|-------------------|--------------------------|
| Ig Type: | IgG |
| Reactivity: | Mouse |
| Conjugation: | Unconjugated |
| Molecular Weight: | Theoretical: 88/125 kDa. |
| Clone: | 2J224 |
| Purification: | ProA affinity purified |

Applications

Verified Activity: 1. Western blot analysis of VE Cadherin on different lysates using anti-VE Cadherin antibody at 1/1,000 dilution. Positive control: Lane 1: Mouse heart, Lane 2: Mouse placenta, Lane 3: Mouse spleen Lane, 4: Mouse lung.



| | |
|--------------|-----------------|
| Application: | IP, WB |
| Recommended | WB: 1:1000-5000 |

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping: Shipping with blue ice.

Antigen Details

| | |
|-------------|--|
| Immunogen: | Recombinant Protein |
| Uniprot ID: | P55284 |
| Synonyms: | VEcad;7B4;Vec;AA408225;VECD;cadherin 5, type 2 (vascular endothelium);VE-Cad;Cd144 |

Research 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. Cadherins each contain a large extracellular domain at the amino-terminus, which is characterized by a series of five homologous repeats, the most distal of which is thought to be responsible for binding specificity. The relatively short carboxy-terminal, intracellular domain interacts with a variety of cytoplasmic proteins, including β -catenin, to regulate cadherin function. 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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