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30-2384: Anti-CD144 / VE-cadherin Monoclonal Antibody (Clone:55-7H1)-PE Conjugated

Clonality: Monoclonal Clone Name: 55-7H1

Application: FACS, IP, WB, IHC-Fr, ICC

Reactivity: Human

Conjugate: PE

Gene: CDH5

Gene ID: 1003

Uniprot ID: P33151

Alternative Name: CDH5

Isotype: Mouse IgG1

Immunogen Information: Human endothelial cells

Description

CD144 / VE-cadherin (cadherin 5) is the major cadherin that is present at endothelial junctions. It is also strictly endothelial specific. Under vascular permeability increasing conditions (and also in capillaries and veins) CD144 is being phosphorylated, which promotes its rapid and reversible internalization. On the contrary, binding of p120 catenin (delta1 catenin) maintains CD144 localization at the plasma membrane, which stabilizes the junction and reduces vascular permeability.

Product Info

Amount: 100 tests

Storage condition : Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

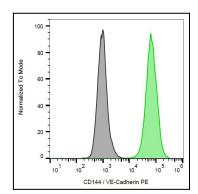


Figure 1: Surface staining of CD144 in HUVEC cells with anti-CD144 (55-7H1) PE.