

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.

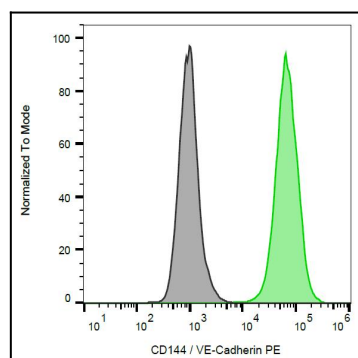


Figure 1: Surface staining of CD144 in HUVEC cells with anti-CD144 (55-7H1) PE.