

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	55-7H1
<b>Application :</b>	FACS, IP, WB, IHC-Fr, ICC
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	PE
<b>Gene :</b>	CDH5
<b>Gene ID :</b>	1003
<b>Uniprot ID :</b>	P33151
<b>Alternative Name :</b>	CDH5
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	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

<b>Amount :</b>	100 tests
<b>Storage condition :</b>	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

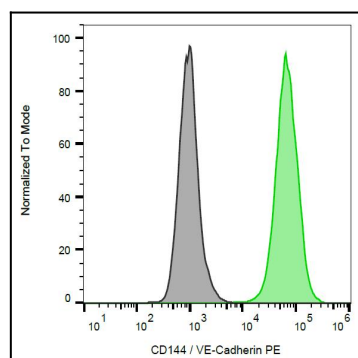


Figure 1: Surface staining of CD144 in HUVEC cells with anti-CD144 (55-7H1) PE.