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30-1556: Anti-CD144 / VE-cadherin Monoclonal Antibody (Clone:55-7H1)

Clonality :	Monoclonal
Clone Name :	55-7H1
Application :	FACS, IP, WB, IHC-Fr, ICC
Reactivity :	Human
Gene :	CDH5
Gene ID :	1003
Uniprot ID :	P33151
Format :	Purified
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 :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.