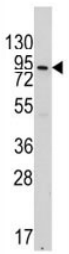
VE Cadherin Antibody / CDH5 (F48144)

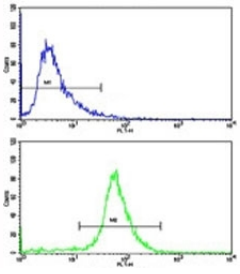
Catalog No.	Formulation	Size
F48144-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F48144-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P33151
Localization	Cytoplasmic
Applications	Western Blot : 1:1000 Flow Cytometry : 1:10-1:50
Limitations	This VE Cadherin antibody is available for research use only.



Western blot analysis of VE Cadherin antibody and 293 lysate. Expected molecular weight: 90~140 kDa depending on glycosylation level



Flow cytometric analysis of 293 cells using VE Cadherin antibody (bottom histogram) compared to a negative control (top histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

CDH5 is a classical cadherin from the cadherin superfamily and is located in a six-cadherin cluster in a region on the long arm of chromosome 16 that is involved in loss of heterozygosity events in breast and prostate cancer. It is a calcium-dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Functioning as a classic cadherin by imparting to cells the ability to adhere in a homophilic manner, the protein may play an important role in endothelial cell biology through control of the cohesion and organization of the intercellular junctions.

Application Notes

Titration of the VE Cadherin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 106-134 from the human protein was used as the immunogen for this VE Cadherin antibody.

Storage

Aliquot the VE Cadherin antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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