Leader in Biomolecular Solutions for Life Science

www.abclonal.com

VE Cadherin Rabbit mAb

Catalog No.: A25366 Recombinant

Basic Information

Observed MW
Refer to figures

Calculated MW
88kDa

Category
Primary antibody

Applications
ELISA,FC,IHC-P

Cross-Reactivity
Human

CloneNo number
ARC58061

Background

This gene encodes a classical cadherin of the cadherin superfamily. The encoded preproprotein is proteolytically processed to generate the mature glycoprotein. This calcium-dependent cell-cell adhesion molecule is comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Functioning as a classical cadherin by imparting to cells the ability to adhere in a homophilic manner, this protein plays a role in endothelial adherens junction assembly and maintenance. This gene is located in a gene cluster in a region on the long arm of chromosome 16 that is involved in loss of heterozygosity events in breast and prostate cancer.

Recommended Dilutions

FC	1:50 - 1:200
IHC-P	1:500 - 1:1000

Immunogen Information

Gene ID
1003

Swiss Prot
P33151

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 48-593 of human VE Cadherin (NP_001786.2).

Synonyms
7B4; CD144

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

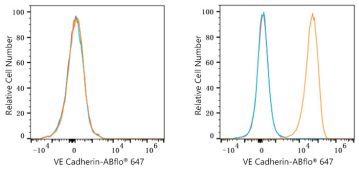
Source
Rabbit

Isotype
IgG

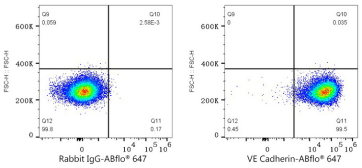
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

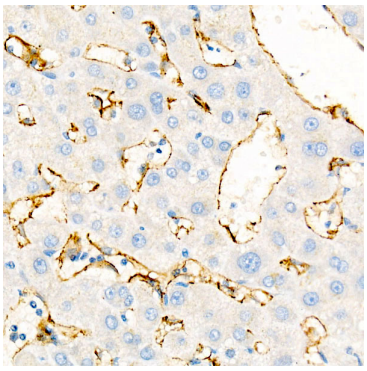
Validation Data



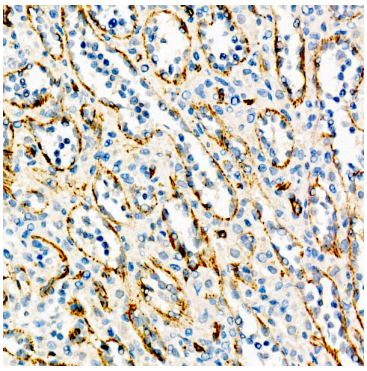
Flow cytometry: 1X10^6 HeLa cells (negative control,left) and BeWo cells (right) were surface-stained with VE Cadherin Rabbit mAb (A25366,2 µg/mL,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,blue line), followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 BeWo cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,left) or VE Cadherin Rabbit mAb (A25366,2 µg/mL,right).



Immunohistochemistry analysis of paraffin-embedded Human liver tissue using VE Cadherin Rabbit mAb (A25366) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human spleen tissue using VE Cadherin Rabbit mAb (A25366) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.