EliteRmab®

VE-Cadherin / CD144 / CDH5 Antibody, Rabbit MAb

Catalog Number: **10433-R048**

Sino Biological
Biological Solution Specialist

GENERAL INFORMATION	
Immunogen:	Recombinant Human VE-Cadherin / CD144 / CDH5 Protein
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human VE-Cadherin / CD144 / CDH5 (CAA56306.1; Met1-Gln593).
Ig Type:	Rabbit IgG
Clone ID:	048
Specificity:	Human VE-Cadherin / CD144 / CDH5
Formulation:	0.2 μm filtered solution in PBS
Storage:	This antibody can be stored at 2℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. Preservative-Free. Avoid repeated freeze-thaw cycles.
Alternative Names:	7B4,CD144
APPLICATIONS	
Applications:	ELISA,ELISA(Det),FCM,ICC/IF
RECOMMENDED CONCENTRATION	
ICC/IF	ICC/IF: 1:20-1:100
Flow Cytometry	FCM: 1:25-1:100
ELISA	ELISA: 1:5000-1:10000 This antibody can be used at 1:5000-1:10000 with the appropriate secondary reagents to detect Human VE-Cadherin / CD144 / CDH5.
Sandwich ELISA (Detection Ab)	ELISA(Det): 1:1000-1:10000 This antibody will detect Human VE-Cadherin / CD144 in ELISA pair set (Catalog: # SEK10433). In a sandwich ELISA, it can be used as detection antibody when paired with (Catalog: # 10433-MM04).

Please Note: Optimal concentrations/dilutions should be determined by the end user.

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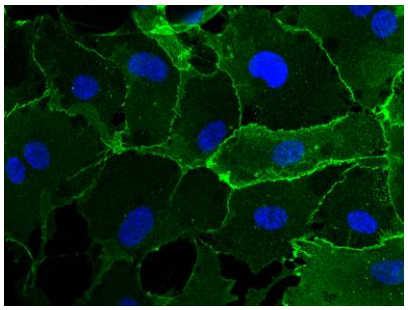
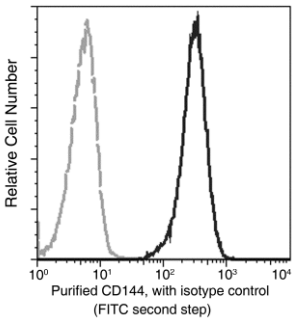


Immunofluorescence staining of CDH5 in HUVEC cells. Cells were fixed with 4% PFA, permeabilzed with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human CDH5 monoclonal antibody (dilution ratio 1:60) at 4℃ overnight. Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue).



Flow cytometric analysis of Human CD144 expression on HUVEC cells. Cells were stained with purified anti-Human CD144, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.

Flow cytometry was performed on a BD FACSCalibur flow cytometry system. Please refer to www.sinobiological.com/Flow-Cytometry-FACS-Protocols-a-750.html for technical protocols.