

Product Datasheet

VE-Cadherin Antibody (BV13) - BSA Free NBP1-43348-0.1mg

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NBP1-43348-0.1mg

VE-Cadherin Antibody (BV13) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	BV13
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein A or G purified
Buffer	PBS (pH 7.2)

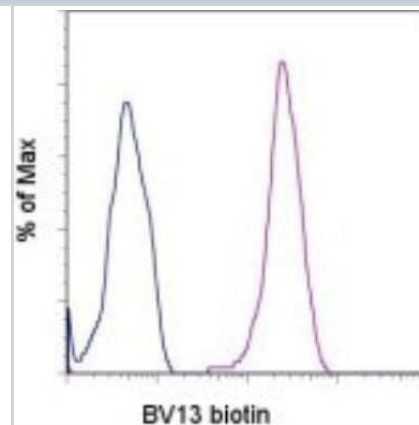
Product Description	
Host	Rat
Gene ID	1003
Gene Symbol	CDH5
Species	Mouse
Marker	Endothelial Cell Marker
Immunogen	The immunogen for this antibody was CD144.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry < = 1 ug/10 ⁶ cells in 100 ul, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	Intravenous injection of BV13 has been shown to induce a concentration- and timedependent increase in vascular permeability in the heart and lungs.

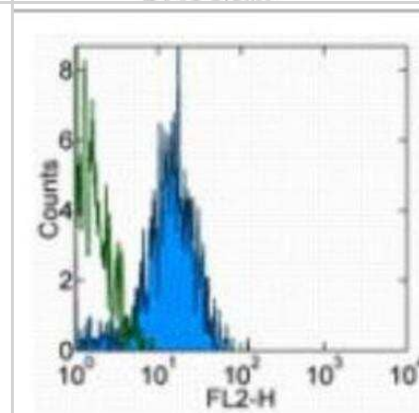


Images

Flow Cytometry: VE-Cadherin Antibody (BV13) [NBP1-43348] - Analysis using the Biotin conjugate of NBP1-43348. Staining of bEnd.3 cell line with 0.5 micrograms of Rat IgG1 k Isotype Control Biotin (blue histogram) or 0.125 micrograms of Anti-Mouse CD144 (VE-Cadherin) Biotin purple histogram) followed by Streptavidin PE. Total viable cells were used for analysis.



Flow Cytometry: VE-Cadherin Antibody (BV13) [NBP1-43348] - Staining of bEnd.3 cell line with 0.5 ug of Rat IgG1 K Isotype Control Purified (open histogram) or 0.5 ug of AntiMouse CD144 (VE-Cadherin) Purified (filled histogram) followed by F(ab')₂ Anti-Rat IgG PE. Total viable cells were used for analysis.



Publications

Sharma S, Plotkin M Id1 expression in kidney endothelial cells protects against diabetes-induced microvascular injury FEBS Open Bio. [PMID: 31957231] (ICC/IF, Mouse)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-43348-0.1mg

HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NBP1-75398	Goat anti-Rat IgG (H+L) Secondary Antibody (Pre-adsorbed)
DDXCR01	Rat IgG1 Isotype Control
NBP1-43579-0.1mg	VE-Cadherin Antibody (BV13) [Biotin]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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