

# 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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### Publications: 1

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**NBP1-43348-0.1mg**

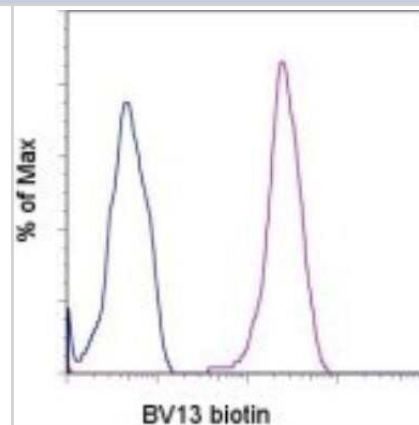
VE-Cadherin Antibody (BV13) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	BV13
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	PBS (pH 7.2)
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rat VE-Cadherin Antibody (BV13) - BSA Free (NBP1-43348) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. Anti-VE-Cadherin Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rat
<b>Gene ID</b>	1003
<b>Gene Symbol</b>	CDH5
<b>Species</b>	Mouse
<b>Marker</b>	Endothelial Cell Marker
<b>Immunogen</b>	The immunogen for this antibody was CD144.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, Flow Cytometry &lt; = 1 ug/10 <sup>6</sup> cells in 100 ul, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
<b>Application Notes</b>	Intravenous injection of BV13 has been shown to induce a concentration- and timedependent increase in vascular permeability in the heart and lungs.

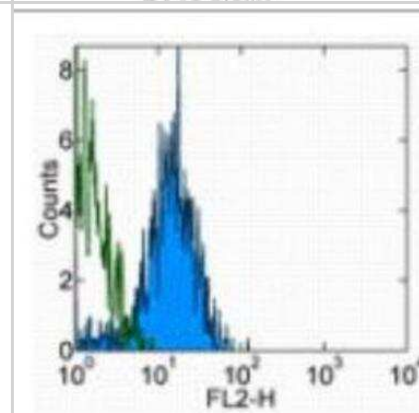


## Images

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')<sub>2</sub> 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)



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### **Products Related to NBP1-43348-0.1mg**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NB7115	Goat anti-Rat IgG (H+L) Secondary Antibody [HRP]
DDXCR01	Rat IgG1 Isotype Control

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### **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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