

# Product Datasheet

## VE-Cadherin Antibody (PSH03-15) NBP3-33088

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-33088**

VE-Cadherin Antibody (PSH03-15)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PSH03-15
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	88 kDa
Product Description	
Host	Rabbit
Gene ID	1003
Gene Symbol	CDH5
Species	Human
Immunogen	Synthetic peptide within human VE-Cadherin aa 1-650 / 784. (Uniprot: P33151)
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:1000, Immunocytochemistry/ Immunofluorescence 1:100



## Images

**Western Blot: VE-Cadherin Antibody (PSH03-15) [NBP3-33088] -**  
Western blot analysis of VE-Cadherin on different lysates with Rabbit anti-VE-Cadherin antibody (NBP3-33088) at 1/2,000 dilution.

Lane 1: EA.hy926-si NT cell lysate

Lane 2: EA.hy926-si VE Cadherin cell lysate

Lysates/proteins at 10 ug/Lane.

Predicted band size: 88 kDa

Observed band size: 140 kDa

Exposure time: 1 minute 2 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-33088) at 1/2,000 dilution was used in 5% NFDM/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

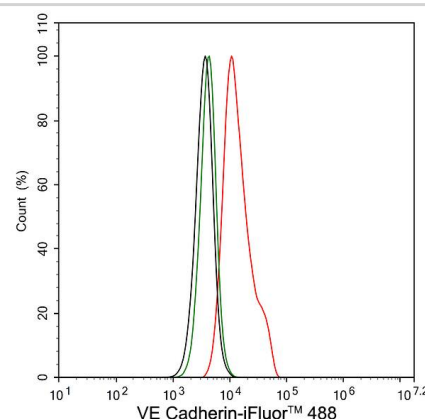
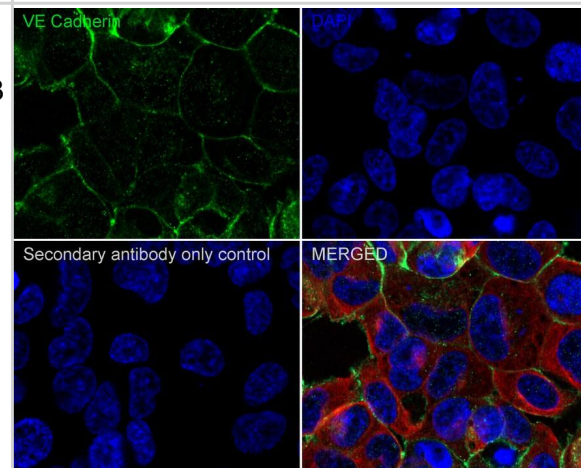
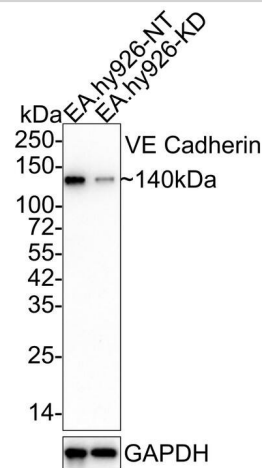
**Immunocytochemistry/ Immunofluorescence: VE-Cadherin Antibody (PSH03-15) [NBP3-33088] -** Immunocytochemistry analysis of HeLa cells labeling VE-Cadherin with Rabbit anti-VE-Cadherin antibody (NBP3-33088) at 1/100 dilution.

Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-VE-Cadherin antibody (NBP3-33088) at 1/100 dilution in 1% BSA in PBST overnight at 4°C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4°C. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution."

**Flow Cytometry: VE-Cadherin Antibody (PSH03-15) [NBP3-33088] -**  
Flow cytometric analysis of EA.hy926 cells labeling VE-Cadherin.

Cells were washed twice with cold PBS and resuspend. Then stained with the primary antibody (NBP3-33088, 1µg/mL) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4°C for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4°C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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### **Products Related to NBP3-33088**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP3-21223PEP	VE-Cadherin Recombinant Protein Antigen

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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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