

# Product Datasheet

## Cadherin-17 Antibody (JE60-34) NBP3-32535

Unit Size: 100 ul

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

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**NBP3-32535**

Cadherin-17 Antibody (JE60-34)

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	JE60-34
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	92 kDa

Product Description	
Description	Novus Biologicals Rabbit Cadherin-17 Antibody (JE60-34) (NBP3-32535) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1015
Gene Symbol	CDH17
Species	Human, Mouse
Immunogen	Recombinant protein within Human Cadherin-17 aa 1-100 / 832. (Uniprot: Q12864)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:200-1:1000



## Images

Western Blot: Cadherin-17 Antibody (JE60-34) [NBP3-32535] - Western blot analysis of Cadherin-17 on different lysates with Rabbit anti-Cadherin-17 antibody (NBP3-32535) at 1/1,000 dilution.

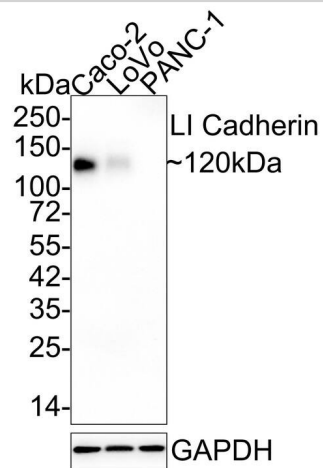
Lane 1: Caco-2 cell lysate (20 ug/Lane)  
Lane 2: LoVo cell lysate (30 ug/Lane)  
Lane 3: PANC-1 cell lysate (negative) (30 ug/Lane)

Predicted band size: 92 kDa  
Observed band size: 120 kDa

Exposure time: 30 seconds;

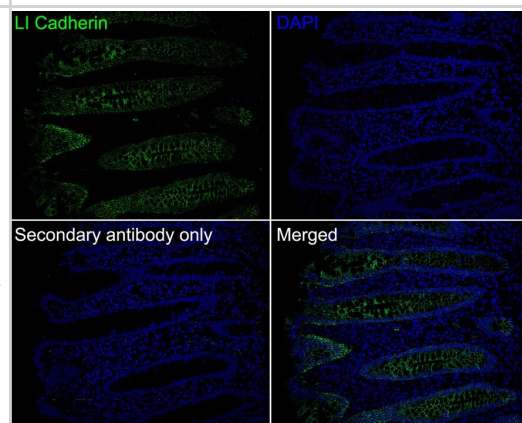
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-32535) at 1/1,000 dilution was used in 5% NFDm/TBST at 4 overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.



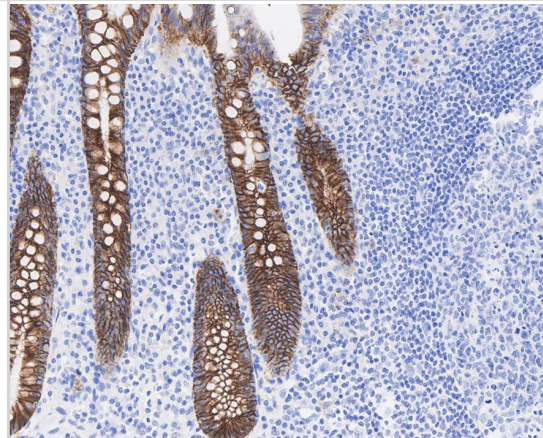
Immunohistochemistry: Cadherin-17 Antibody (JE60-34) [NBP3-32535] - Immunofluorescence analysis of paraffin-embedded human appendix tissue labeling Cadherin-17 with Rabbit anti-Cadherin-17 antibody (NBP3-32535) at 1/100 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 10% negative goat serum for 1 hour at room temperature, washed with PBS, and then probed with the primary antibody (NBP3-32535, green) at 1/100 dilution overnight at 4 °C, washed with PBS. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. Nuclei were counterstained with DAPI (blue).



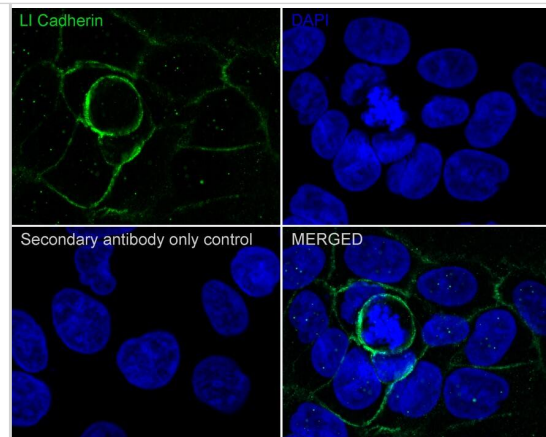
Immunohistochemistry: Cadherin-17 Antibody (JE60-34) [NBP3-32535] - Immunohistochemical analysis of paraffin-embedded human appendix tissue with Rabbit anti-Cadherin-17 antibody (NBP3-32535) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32535) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



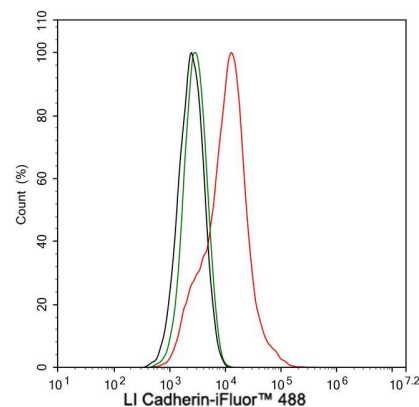
**Immunocytochemistry/ Immunofluorescence: Cadherin-17 Antibody (JE60-34) [NBP3-32535]** - Immunocytochemistry analysis of Caco-2 cells labeling Cadherin-17 with Rabbit anti-Cadherin-17 antibody (NBP3-32535) at 1/100 dilution.

Cells were fixed in 100% precooled methanol 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-Cadherin-17 antibody (NBP3-32535) 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.



**Flow Cytometry: Cadherin-17 Antibody (JE60-34) [NBP3-32535]** - Flow cytometric analysis of Caco-2 cells labeling Cadherin-17.

Cells were washed twice with cold PBS and resuspend. Then stained with the primary antibody (NBP3-32535, 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 NBP3-32535**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG 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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