

# Product Datasheet

## Integrin alpha V/CD51 Antibody - Azide Free NBP2-16973

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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Updated 9/9/2025 v.20.1

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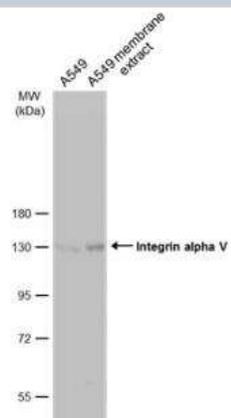


**NBP2-16973****Integrin alpha V/CD51 Antibody - Azide Free**

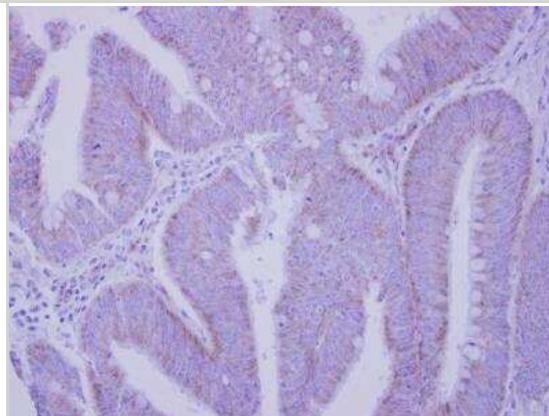
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS, 1% BSA, 20% Glycerol
<b>Target Molecular Weight</b>	116 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Integrin alpha V/CD51 Antibody - Azide Free (NBP2-16973) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-Integrin alpha V/CD51 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3685
<b>Gene Symbol</b>	ITGAV
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the C-terminus region of human Integrin alpha V/CD51. The exact sequence is proprietary.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, ELISA Assay dependent, Immunohistochemistry 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

## Images

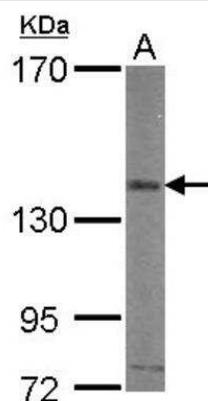
Western Blot: Integrin alpha V/CD51 Antibody [NBP2-16973] - A549 whole cell and membrane extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Integrin alpha V antibody [C2C3], C-term diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



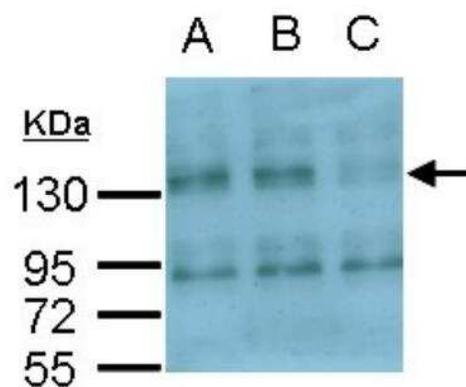
Immunohistochemistry-Paraffin: Integrin alpha V/CD51 Antibody [NBP2-16973] - Human colon carcinoma, using Integrin alpha V antibody at 1:250 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Western Blot: Integrin alpha V/CD51 Antibody [NBP2-16973] - Sample (30 ug of whole cell lysate) A: HUVEC 7.5% SDS PAGE gel, diluted at 1:500.



Western Blot: Integrin alpha V/CD51 Antibody [NBP2-16973] - Sample (30 ug of whole cell lysate) A: RD (Rhabdomyosarcoma) cell (Mock control) B: RD transfected scramble siRNA C: RD transfected ITGAV siRNA 8% SDS PAGE gel, diluted at 1:900.



## Publications

HD Dawson, JK Lunney Porcine cluster of differentiation (CD) markers 2018 update Res. Vet. Sci., 2018-02-22;118 (0):199-246. 2018-02-22 [PMID: 29518710]



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### **Products Related to NBP2-16973**

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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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