

# Product Datasheet

## Integrin alpha V/CD51 Antibody (10T9N2) NBP3-15647-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-15647-100ul**

Integrin alpha V/CD51 Antibody (10T9N2)

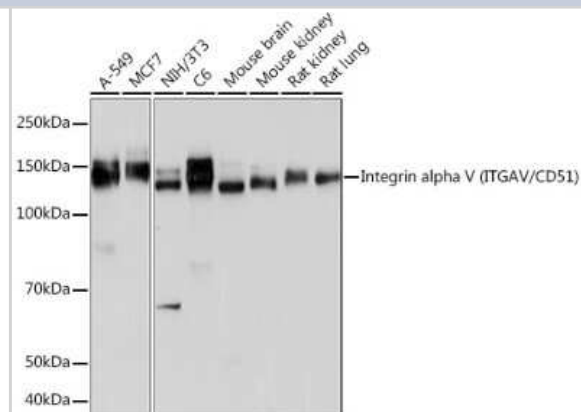
Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	10T9N2
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol, 0.05% BSA
<b>Target Molecular Weight</b>	116 kDa

Product Description	
<b>Description</b>	Novus Biologicals Rabbit Integrin alpha V/CD51 Antibody (10T9N2) (NBP3-15647) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. 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, Rat
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence within amino acids 949-1048 of human Integrin alpha V/CD51 (NP_002201.2). SLKSSASFNVIEFPYKNLPIEDITNSTLVTTNVTWGIQPAPMPVPVWVILAVLAG LLLLAVLVFVMYRMGFFKRVRPPQEEQEREQLQPHENGEENSET

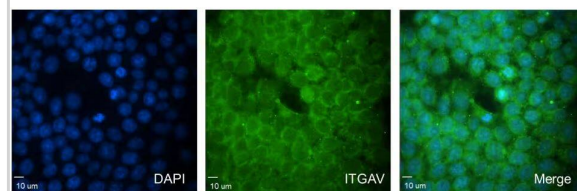
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:1000 - 1:6000, ELISA Recommended starting concentration is 1 µg/mL, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/Immunofluorescence Validated from a verified customer review, Immunohistochemistry-Paraffin

**Images**

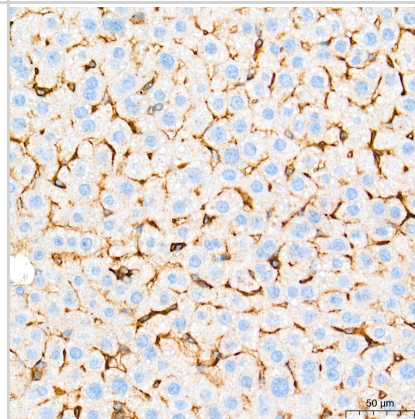
Western Blot: Integrin alpha V/CD51 Antibody (7O8N2) [NBP3-15647] - Analysis of extracts of various cell lines, using Integrin alpha V/CD51 (ITGAV/CD51) antibody (NBP3-15647) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



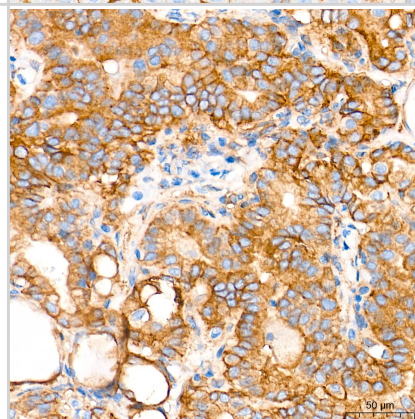
ICC/IF: Integrin alpha V/CD51 Antibody (7O8N2) [NBP3-15647] -ITGAV Antibody [NBP3-15647] was used (1:100) for labeling and microscopy analysis of the distribution of ITGAV proteins in SUM159 cells. Validated customer review.



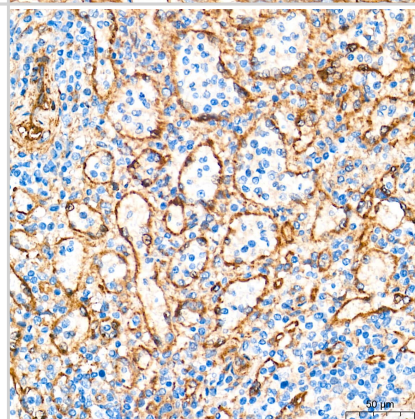
Immunohistochemistry: Integrin alpha V/CD51 Antibody (10T9N2) [Integrin alpha V/CD51] - Immunohistochemistry analysis of paraffin-embedded Mouse liver tissue using Integrin alpha V/CD51 Rabbit mAb at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry: Integrin alpha V/CD51 Antibody (10T9N2) [Integrin alpha V/CD51] - Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer tissue using Integrin alpha V/CD51 Rabbit mAb at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry: Integrin alpha V/CD51 Antibody (10T9N2) [Integrin alpha V/CD51] - Immunohistochemistry analysis of paraffin-embedded Human spleen tissue using Integrin alpha V/CD51 Rabbit mAb at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.





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### **Products Related to NBP3-15647-100ul**

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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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