

# Product Datasheet

## Integrin alpha V beta 6 Antibody (AvB6 53a.2) - BSA Free NBP2-50449

Unit Size: 0.1 ml

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

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



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-50449](http://www.novusbio.com/NBP2-50449)

Updated 7/24/2023 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-50449](http://www.novusbio.com/reviews/destination/NBP2-50449)



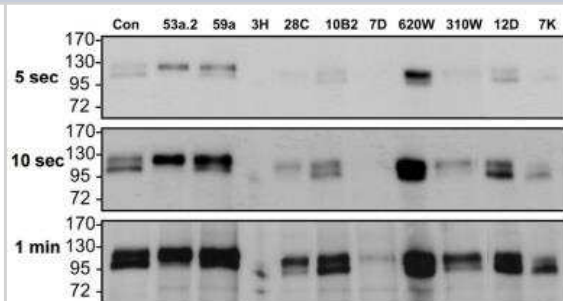
**NBP2-50449**

Integrin alpha V beta 6 Antibody (AvB6 53a.2) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	AvB6 53a.2
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS
Product Description	
Host	Rat
Gene ID	3685
Gene Symbol	ITGAV
Species	Human
Immunogen	Mouse fibroblasts retrovirally infected with cDNA to human Integrin alpha V beta 6 (3T3b6.19). Cells expressed a mouse/human Integrin alpha V beta 6 chimera.
Product Application Details	
Applications	Flow Cytometry, Functional, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Flow Cytometry 1:10 - 1:1000, Immunocytochemistry/Immunofluorescence 1:10 - 1:500, Immunoprecipitation 1:10 - 1:500, Functional, CyTOF-ready
Application Notes	Positive control(s): BT20 breast carcinoma, original immunogen. This antibody is Cytof ready.

**Images**

Immunoprecipitation: Integrin alpha V beta 6 Antibody (AvB6 53a.2) [NBP2-50449] - avb6 was immunoprecipitated with rat mAbs and western blotted for B6 with C19 antibody. Film was then exposed for different time exposures. The control lane was DX3puroB6 lysate. 59A, 10B2, 620W and 12D shows a very good result in revealing the double band for  $\beta$ 6 by 5 seconds, and 53a2 shows only the upper band of B6. By 1 minute, most rat mAbs reveal a B6 immunoprecipitate. Data are from one of three separate experiments.

**Publications**

Kim E J, Kwon K A et al. Korean Red Ginseng extract reduces hypoxia-induced epithelial-mesenchymal transition by repressing NF-kappa B and ERK1/2 pathways in colon cancer. J Ginseng Res 2018-01-07 [PMID: 29983610] (WB, Human)



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
novus@novusbio.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

### **Products Related to NBP2-50449**

---

HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NBP1-75398	Goat anti-Rat IgG (H+L) Secondary Antibody (Pre-adsorbed)
NBP2-21947-0.1mg	Rat IgG2a Isotype Control (2A3)
210-TA-005	TNF-alpha [Unconjugated]

---

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-50449](http://www.novusbio.com/reviews/submit/NBP2-50449)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

