

# Product Datasheet

## Integrin alpha 5/CD49e Antibody (SNAKA51) - BSA Free NBP2-50146

Unit Size: 0.1 ml

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

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

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**NBP2-50146**

Integrin alpha 5/CD49e Antibody (SNAKA51) - 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	SNAKA51
Preservative	0.02% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Mouse Integrin alpha 5/CD49e Antibody (SNAKA51) - BSA Free (NBP2-50146) is a monoclonal antibody validated for use in WB and ICC/IF. Anti-Integrin alpha 5/CD49e Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3678
Gene Symbol	ITGA5
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 30194266).
Immunogen	Whole cells corresponding to human Integrin alpha 5/CD49e

Product Application Details	
Applications	Western Blot, Functional, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:100 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Functional
Application Notes	Functional: A representative lot of this antibody converts Integrin alpha5 beta 1 into a ligand competent form and promotes fibronectin binding. Immunocytochemistry/Immunofluorescence: A representative lot of this antibody detected Integrin alpha 5 in Primary human foreskin fibroblasts (hFF). Positive control(s): HeLa cells.

**Publications**

Kurisinkal EE, Caroprese V, Koga MM et al. Selective Integrin alpha5 beta1 Targeting through Spatially Constrained Multivalent DNA-Based Nanoparticles Molecules (Basel, Switzerland) 2022-08-04 [PMID: 35956918] (ICC/IF, Human)

Sundararaman A, Fukushima Y, Norman JC et al. RhoJ Regulates alpha 5 beta 1 Integrin Trafficking to Control Fibronectin Remodeling during Angiogenesis Curr. Biol. 2020-01-01 [PMID: 32302585]

Albarran-Juarez J, Iring A, Wang S et al. Piezo1 and Gq/G11 promote endothelial inflammation depending on flow pattern and integrin activation. J. Exp. Med. 2018-09-07 [PMID: 30194266] (Mouse)





### **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  
nb-customerservice@bio-techne.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: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-50146**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

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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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