

# Product Datasheet

## ACE/CD143 Antibody (i2H5) [FITC] NB100-63433

Unit Size: 0.05 mg

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)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB100-63433](http://www.novusbio.com/NB100-63433)

Updated 3/30/2022 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/NB100-63433](http://www.novusbio.com/reviews/destination/NB100-63433)



**NB100-63433**

ACE/CD143 Antibody (i2H5) [FITC]

<b>Product Information</b>	
<b>Unit Size</b>	0.05 mg
<b>Concentration</b>	0.1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	i2H5
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG1
<b>Conjugate</b>	FITC
<b>Purity</b>	IgG purified
<b>Buffer</b>	No Buffer
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	1636
<b>Gene Symbol</b>	ACE
<b>Species</b>	Human, Primate
<b>Reactivity Notes</b>	Human, Monkey. Not yet tested in other species.
<b>Specificity/Sensitivity</b>	NB100-63433 recognizes human CD143, also known as angiotensin - converting enzyme (ACE). CD143 exists in two forms, a 170kD somatic form and a 90kD germinal form. The somatic form is expressed by endothelial cells (especially those of arterioles and lung capillaries), epithelial cells (especially in proximal renal tubules and in the small intestine), by some neuronal cells and variably on some macrophages and T lymphocytes. The germinal form is expressed by spermatozoa. This antibody recognizes active ACE binding to an N-terminal domain epitope.
<b>Immunogen</b>	Human lung CD143 (Angiotensin converting enzyme)
<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500





### **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

### **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/NB100-63433](http://www.novusbio.com/reviews/submit/NB100-63433)

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

