

# Product Datasheet

## CD90/Thy1 Antibody (3H1751)

### NB200-528-0.25mg

Unit Size: 0.25 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)

#### Publications: 1

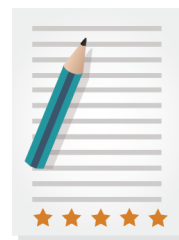
Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB200-528](http://www.novusbio.com/NB200-528)

Updated 1/25/2021 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/NB200-528](http://www.novusbio.com/reviews/destination/NB200-528)



**NB200-528-0.25mg**

CD90/Thy1 Antibody (3H1751)

Product Information	
Unit Size	0.25 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3H1751
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.2)
Product Description	
Host	Mouse
Gene ID	7070
Gene Symbol	THY1
Species	Human, Mouse, Rat
Reactivity Notes	Cross-reacts with Mouse and Rat THY1.1 Species Crossreactivity: rabbit, mouse, and guinea pig. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Human reactivity reported in scientific literature (PMID: 28366456). Please contact Technical Support for more information.
Marker	Mesenchymal Cell Marker
Specificity/Sensitivity	Recognizes the Thy-1.1 antigenic determinant which is a monomorphic determinant within rat strains but polymorphic in mice. Thus 3H1751 reacts with Thy-1.1 mice e.g. AKR and FBV strains, but not Thy-1.2 mice e.g. CBA, BALB/c. Species Crossreactivity: rabbit, mouse, and guinea pig.
Immunogen	Rat Thy 1 antigen
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:50-1:100. 10 ul/10 <sup>6</sup> cells, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	IHC-Fr: Use at assay dependant dilution. WB: Use at assay dependent dilution.

**Publications**

Steens J, Zuk M, Benchellal M et al. In Vitro Generation of Vascular Wall-Resident Multipotent Stem Cells of Mesenchymal Nature from Murine Induced Pluripotent Stem Cells. Stem Cell Reports. 2017-04-11 [PMID: 28366456] (FLOW, 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  
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

### **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/NB200-528](http://www.novusbio.com/reviews/submit/NB200-528)

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

