

# Product Datasheet

## CD90/Thy1 Antibody (G7) [Biotin] NBP1-28033-500ug

Unit Size: 500 ug

Store at 4C. Do not freeze.

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



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

**Publications: 5**

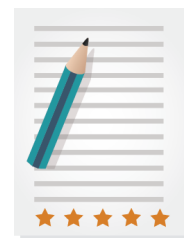
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**NBP1-28033-500ug**

CD90/Thy1 Antibody (G7) [Biotin]

Product Information	
Unit Size	500 ug
Concentration	0.5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	G7
Preservative	Sodium Azide
Isotype	IgG2c Kappa
Conjugate	Biotin
Purity	Protein A or G purified
Buffer	PBS

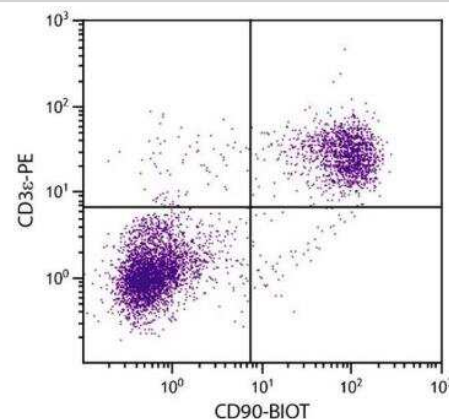
Product Description	
Host	Rat
Gene ID	7070
Gene Symbol	THY1
Species	Mouse
Marker	Mesenchymal Cell Marker
Specificity/Sensitivity	Mouse CD90 (Thy-1.1 & Thy-1.2 alloantigens/Thy-1 epitope region A); Mr 28-32 kDa
Immunogen	Mouse T cell hybridoma C6/G8
Notes	Conjugated forms should be protected from prolonged exposure to light.

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, In vitro assay, Immunoprecipitation
Recommended Dilutions	Flow Cytometry $\geq 1 \text{ ug}/10^6 \text{ cells}$ , Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, In vitro assay
Application Notes	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is: 0.25 microgram per one million cells in 100 microliter volume.



## Images

Flow Cytometry: CD90/Thy1 Antibody (G7) [Biotin] [NBP1-28033] - BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD90-BIOT and Rat Anti-Mouse CD3 epsilon-PE followed by Streptavidin-FITC.



## Publications

Hueber, AO, G Raposo, M Pierres, HT He. Thy-1 triggers mouse thymocyte apoptosis through a bcl-2-resistant mechanism J Exp Med 1994-03-01 [PMID: 7906706]

Details:

This citation used the Biotin version of this antibody.

Gunter, K, T Malek, E Shevach. T cell-activating properties of an anti-Thy-1 monoclonal antibody, possible analogy to OKT3/Leu-4 J Exp Med 1984-03-01 [PMID: 6142077] (In vitro)

Details:

This citation used the Biotin version of this antibody.

Tentori, L, DM Pardoll, JC Zuniga et al. Proliferation and production of IL-2 and B cell stimulatory factor 1/IL-4 in early fetal thymocytes by activation through Thy-1 and CD3 J Immunol 1988-02-01 [PMID: 2893823] (In vitro)

Details:

This citation used the Biotin version of this antibody.

Sugiyama, E, A Cantagrel, T Reno et al. Selection of T cell receptor expression mutants through the functionally linked Ly-6A Cell Immunol 1990-10-01 [PMID: 1976441] (In vitro)

Details:

This citation used the Biotin version of this antibody.

Ucker, DS, J Meyers, PS Obermiller. Activation-driven T cell death II Quantitative differences alone distinguish stimuli triggering nontransformed T cell proliferation or death J Immunol 1992-09-01 [PMID: 1380534]

Details:

This citation used the Biotin version of this antibody.



### 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 NBP1-28033-500ug

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NBP2-29370	Streptavidin Native Protein
NBP2-31387B	Rat IgG2c Kappa Isotype Control (RG2cK) [Biotin]
NBP1-28032	CD90/Thy1 Antibody (G7) [FITC]
NBP2-52389-0.02mg	Recombinant Human CD90/Thy1 His Protein

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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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