

# Product Datasheet

## CD90/Thy1 Antibody (7E1B11) - BSA Free NBP2-37330

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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**NBP2-37330**

CD90/Thy1 Antibody (7E1B11) - BSA Free

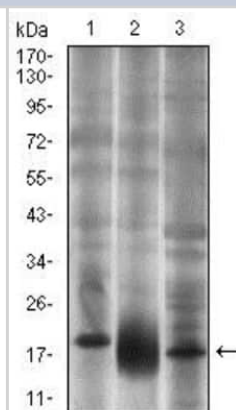
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	7E1B11
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	18 kDa

Product Description	
Description	Novus Biologicals Mouse CD90/Thy1 Antibody (7E1B11) - BSA Free (NBP2-37330) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-CD90/Thy1 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7070
Gene Symbol	THY1
Species	Human
Immunogen	Purified recombinant fragment of human CD90/Thy1 (AA: 17-132) expressed in E. Coli.

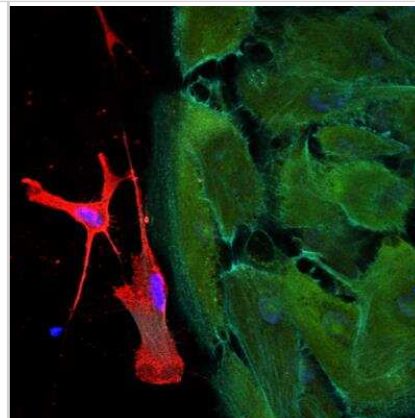
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:2000, Flow Cytometry, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunocytochemistry/ Immunofluorescence 1:200 - 1:1000, Immunohistochemistry-Paraffin 1:200 - 1:1000
Application Notes	Use in Flow cytometry reported in scientific literature (PMID: 30105667).

**Images**

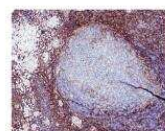
Western Blot: CD90/Thy1 Antibody (7E1B11) [NBP2-37330] - Analysis using THY1 mouse mAb against T47D (1), HepG2 (2) and PC-12 (3) cell lysate.



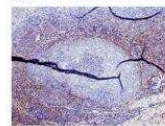
Immunocytochemistry/Immunofluorescence: CD90/Thy1 Antibody (7E1B11) - BSA Free [NBP2-37330] - CD90/Thy1 antibody (7E1B11) in indirect immunofluorescence staining of primary human fibroblasts using a red-fluorescent secondary antibody. Nuclei stained with DAPI (blue). Adjacent epithelial tumor cells stain negative for CD90. Image from verified customer review.



Immunohistochemistry-Paraffin: CD90/Thy1 Antibody (7E1B11) [NBP2-37330] - CD90 staining in human tonsil and aorta tissue. IHC-P image submitted by a verified customer review.



human tonsil  
CD90, 1:200, pH9  
overnight staining

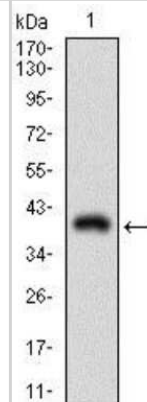


human tonsil  
CD90, 1:200, pH8  
overnight staining

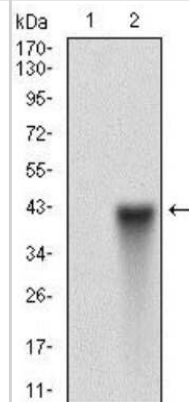


human aorta  
CD90, 1:250, pH9  
overnight staining

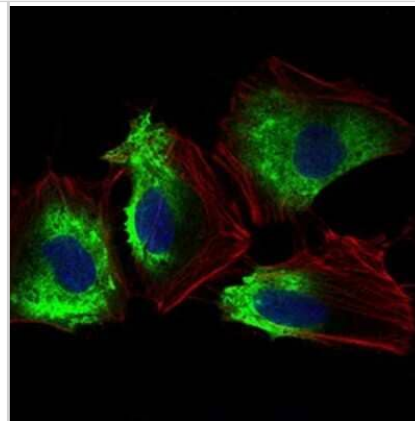
Western Blot: CD90/Thy1 Antibody (7E1B11) [NBP2-37330] - Analysis using THY1 mAb against human THY1 recombinant protein. (Expected MW is 38.5 kDa).



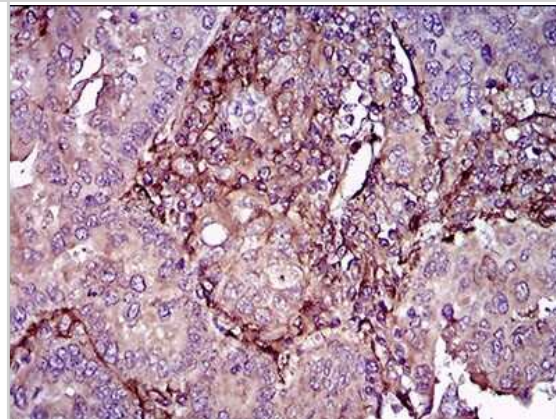
Western Blot: CD90/Thy1 Antibody (7E1B11) [NBP2-37330] - Analysis using THY1 mAb against HEK293 (1) and THY1 (AA: 17-132)-hIgGFc transfected HEK293 (2) cell lysate.



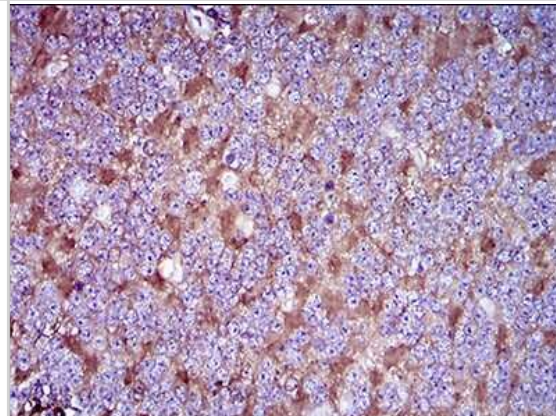
Immunocytochemistry/Immunofluorescence: CD90/Thy1 Antibody (7E1B11) [NBP2-37330] - Immunofluorescence analysis of Hela cells using THY1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



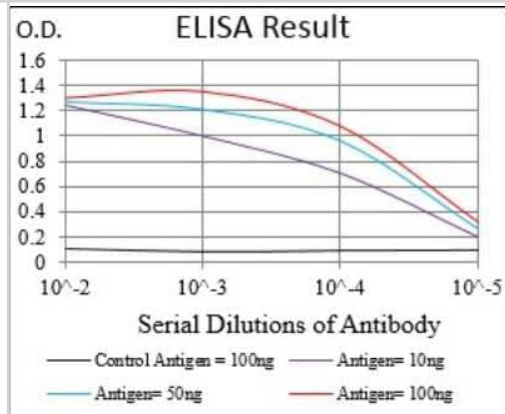
Immunohistochemistry-Paraffin: CD90/Thy1 Antibody (7E1B11) [NBP2-37330] - Analysis of endometrial cancer tissues using THY1 mouse mAb with DAB staining.



Immunohistochemistry-Paraffin: CD90/Thy1 Antibody (7E1B11) [NBP2-37330] - Analysis of cerebellum tissues using THY1 mouse mAb with DAB staining.



ELISA: CD90/Thy1 Antibody (7E1B11) [NBP2-37330] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



## Publications

Shuang X, William J, Yannick VS et al. Distinct landscapes of fibroblast subtypes in arteries of patients with giant cell arteritis *Rheumatology (Oxford)*. 2025-03-14 [PMID: 40084998] (Immunohistochemistry, Human)

Farhadi M, Boroujeni ME, Kamrava SK et al. Implantation of human olfactory ecto-mesenchymal stem cells restores locomotion in a rat model of Parkinson's disease *Journal of chemical neuroanatomy* 2021-04-29 [PMID: 33933574]

Simorgh S, Alizadeh R, Eftekharzadeh M et al. Olfactory mucosa stem cells: An available candidate for the treatment of the Parkinson's disease *J. Cell. Physiol.* 2019-06-07 [PMID: 31173364]

Hassanzadeh H, Matin MM, Naderi-Meshkin H et al. Using paracrine effects of Ad-MSCs on keratinocyte cultivation and fabrication of epidermal sheets for improving clinical applications *Cell Tissue Bank* 2018-08-13 [PMID: 30105667] (FLOW, Human)

Nikoli? MZ, Caritg O, Jeng Q et al. Human embryonic lung epithelial tips are multipotent progenitors that can be expanded in vitro as long-term self-renewing organoids *Elife* 2017-06-30 [PMID: 28665271] (ICC/IF, 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

### **Products Related to NBP2-37330**

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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]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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