

# Product Datasheet

## CD90/Thy1 Antibody (7E1B11) - BSA Free NBP2-37330-0.025ml

Unit Size: 0.025 ml

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

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**NBP2-37330-0.025ml**

CD90/Thy1 Antibody (7E1B11) - BSA Free

**Product Information**

<b>Unit Size</b>	0.025 ml
<b>Concentration</b>	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>	7E1B11
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	18 kDa

**Product Description**

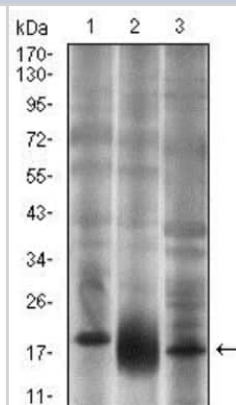
<b>Host</b>	Mouse
<b>Gene ID</b>	7070
<b>Gene Symbol</b>	THY1
<b>Species</b>	Human
<b>Immunogen</b>	Purified recombinant fragment of human CD90/Thy1 (AA: 17-132) expressed in E. Coli.

**Product Application Details**

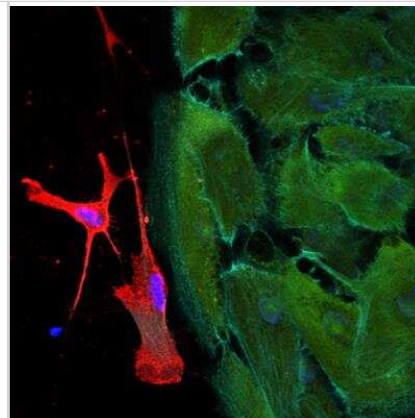
<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:2000, Flow Cytometry, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunocytochemistry/Immunofluorescence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

**Images**

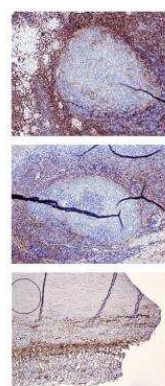
Western Blot: CD90/Thy1 Antibody (7E1B11) [NBP2-37330] - Analysis using THY1 mouse mAb against T47D (1), HepG2 (2) and PC-12 (3) cell lysate.



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.

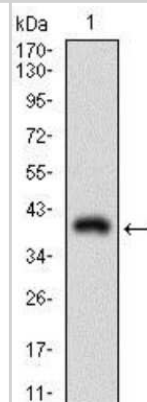


human tonsil  
CD90, 1:200, pH9  
overnight staining

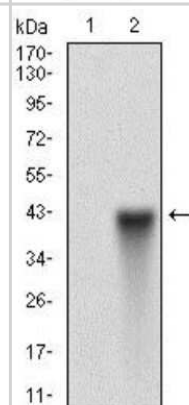
human tonsil  
CD90, 1:200, pH8  
overnight staining

human aorta  
CD90, 1:250, pH9  
overnight staining

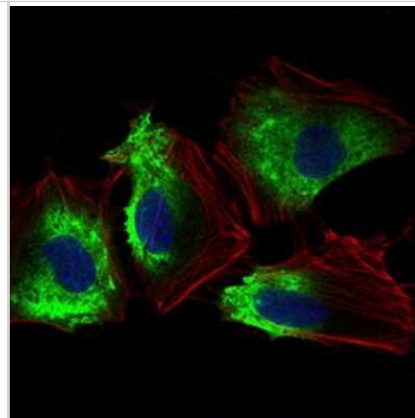
Western Blot: CD90/Thy1 Antibody (7E1B11) [NBP2-37330] - Analysis using THY1 mAb against human THY1 recombinant protein. (Expected MW is 38.5 kDa).



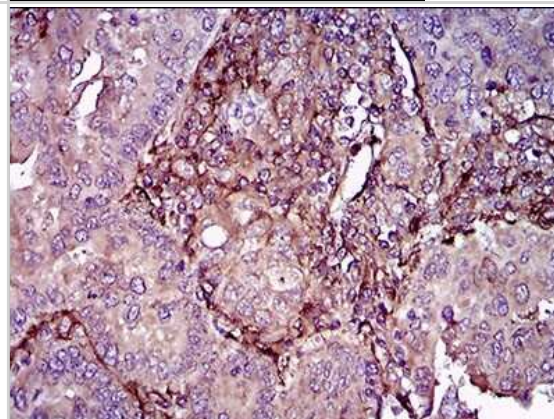
Western Blot: CD90/Thy1 Antibody (7E1B11) [NBP2-37330] - Analysis using THY1 mAb against HEK293 (1) and THY1 (AA: 17-132)-hlgGFc transfected HEK293 (2) cell lysate.



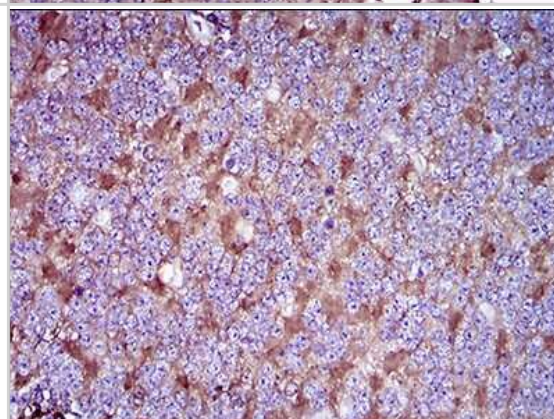
Immunocytochemistry/Immunofluorescence: CD90/Thy1 Antibody (7E1B11) [NBP2-37330] - Immunofluorescence analysis of Hela cells using THY1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



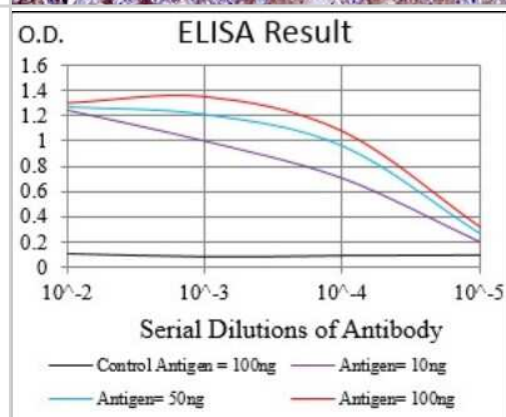
Immunohistochemistry-Paraffin: CD90/Thy1 Antibody (7E1B11) [NBP2-37330] - Analysis of endometrial cancer tissues using THY1 mouse mAb with DAB staining.



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

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)





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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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