

# Product Datasheet

## CD90/Thy1 Antibody - BSA Free **NBP1-85739**

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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**NBP1-85739**

CD90/Thy1 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

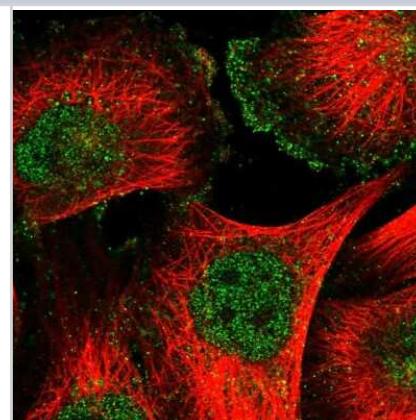
<b>Description</b>	Novus Biologicals Rabbit CD90/Thy1 Antibody - BSA Free (NBP1-85739) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	7070
<b>Gene Symbol</b>	THY1
<b>Species</b>	Human
<b>Marker</b>	Mesenchymal Cell Marker
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: VTSLTACLVDDQSLRLDCRHENTSSSPPIQYEFSLTRETKKHVLFGTVGVPEHTYR SRTNFTSKYNMKVLYLSAFTSKDEGTYTCALHHSGHSPPISSQNVTLRDKLVK CEGISLLAQNTSWL

**Product Application Details**

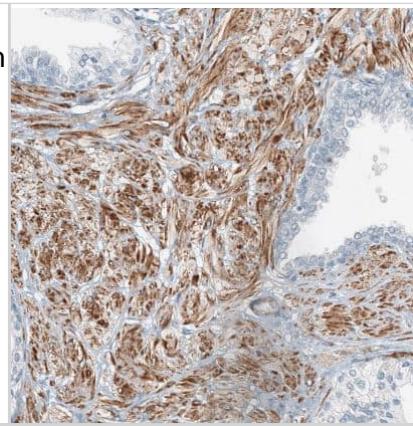
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

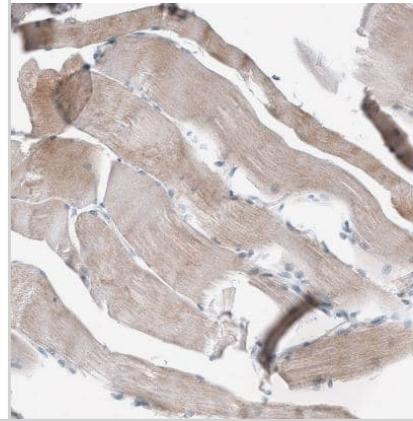
Immunocytochemistry/Immunofluorescence: CD90/Thy1 Antibody [NBP1-85739] - Staining of human cell line U-251 MG shows localization to nucleus and plasma membrane. Antibody staining is shown in green.



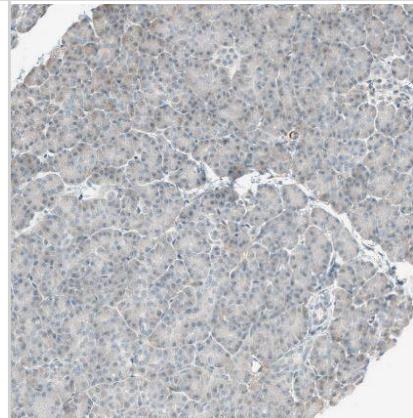
Immunohistochemistry-Paraffin: CD90/Thy1 Antibody [NBP1-85739]  
Staining of human prostate shows strong cytoplasmic positivity in smooth muscle cells.



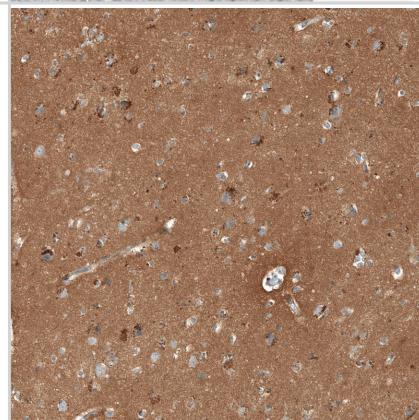
Immunohistochemistry-Paraffin: CD90/Thy1 Antibody [NBP1-85739] -  
Staining of human skeletal muscle shows weak positivity in myocytes.



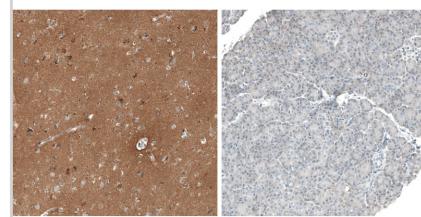
Immunohistochemistry-Paraffin: CD90/Thy1 Antibody [NBP1-85739] -  
Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



Staining of human cerebral cortex shows strong cytoplasmic positivity in neuropil.

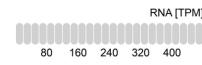
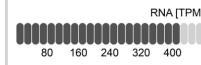


Immunohistochemistry analysis in human cerebral cortex and pancreas tissues using HPA003733 antibody. Corresponding THY1 RNA-seq data are presented for the same tissues.



THY1 in Cerebral cortex

THY1 in Pancreas





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## Products Related to NBP1-85739

NBP1-85739PEP	CD90/Thy1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

## 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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