

# Product Datasheet

## CD90/Thy1 Antibody (JF10-09) NBP2-66763

Unit Size: 100 ul

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

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### Publications: 2

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**NBP2-66763**

CD90/Thy1 Antibody (JF10-09)

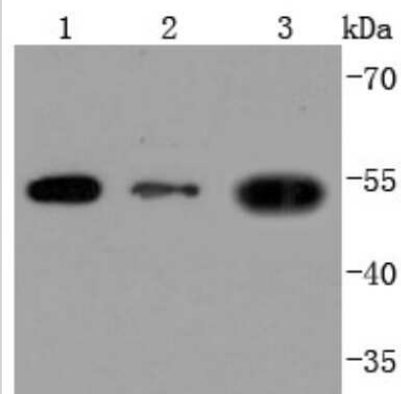
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JF10-09
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	7070
Gene Symbol	THY1
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human CD90/Thy1 aa 75-120 / 161. (SwissProt: P04216 Human; SwissProt: P01831 Mouse; SwissProt: P01830 Rat)

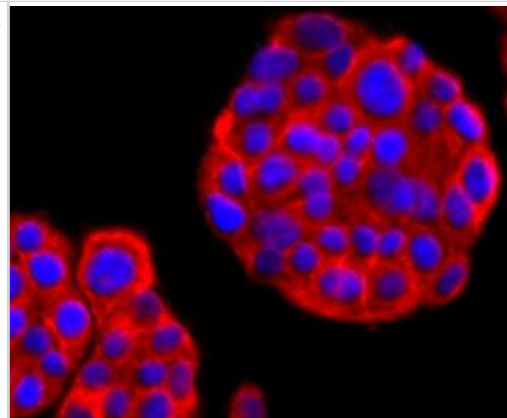
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200, Immunohistochemistry-Frozen 1:100

**Images**

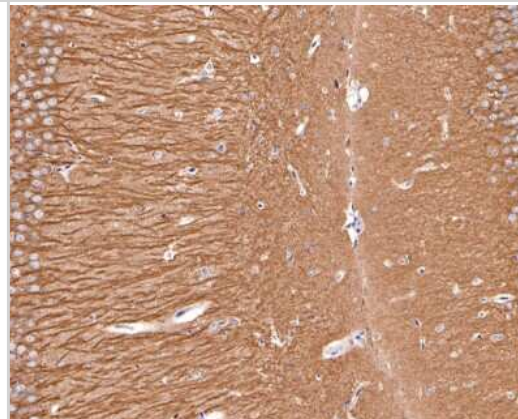
Western Blot: CD90/Thy1 Antibody (JF10-09) [NBP2-66763] - Analysis of THY1 on different lysates using anti-THY1 antibody at 1/1,000 dilution. Positive control: Lane 1: Hela Lane 2: HepG2 Lane 3: HUVEC



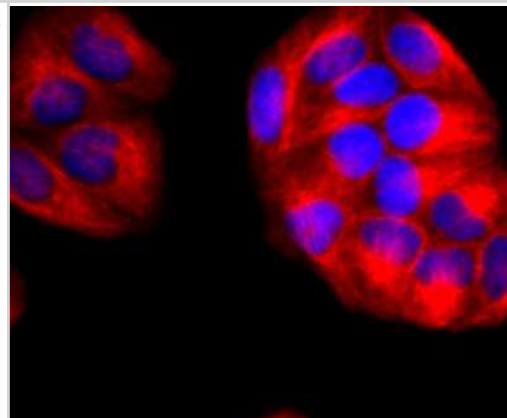
Immunocytochemistry/Immunofluorescence: CD90/Thy1 Antibody (JF10-09) [NBP2-66763] - Staining THY1 in PC-12 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



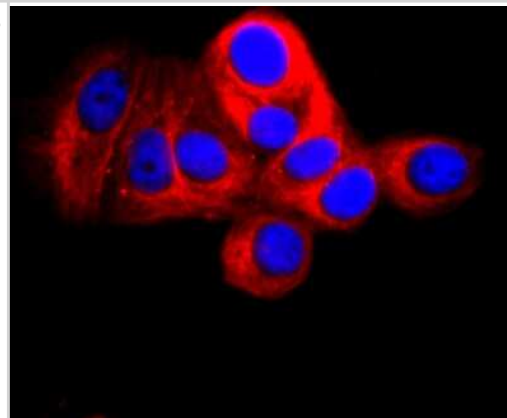
Immunohistochemistry-Paraffin: CD90/Thy1 Antibody (JF10-09) [NBP2-66763] - Analysis of paraffin-embedded mouse hippocampus tissue using anti-CD90/Thy1 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 30 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (1/400) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



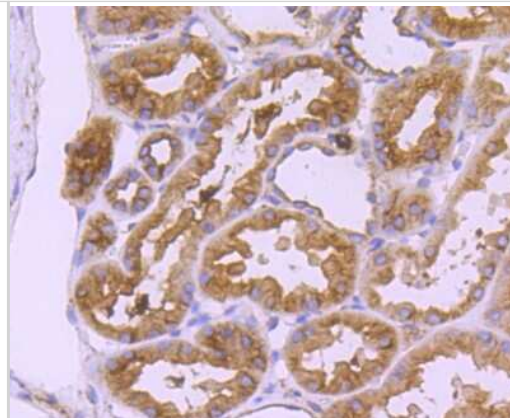
Immunocytochemistry/Immunofluorescence: CD90/Thy1 Antibody (JF10-09) [NBP2-66763] - Staining THY1 in Hela cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



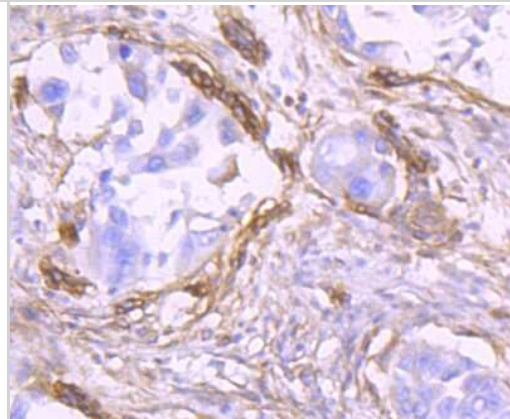
Immunocytochemistry/Immunofluorescence: CD90/Thy1 Antibody (JF10-09) [NBP2-66763] - Staining THY1 in MCF-7 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



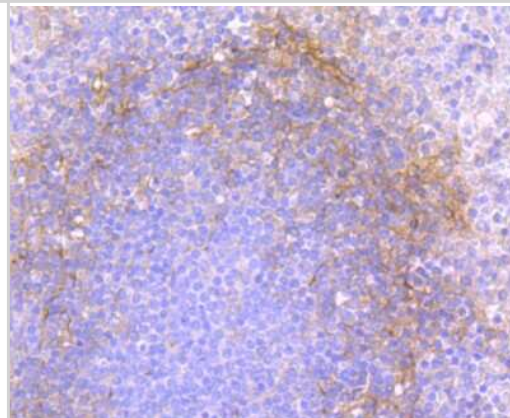
Immunohistochemistry-Paraffin: CD90/Thy1 Antibody (JF10-09) [NBP2-66763] - Analysis of paraffin-embedded human kidney tissue using anti-THY1 antibody. Counter stained with hematoxylin.



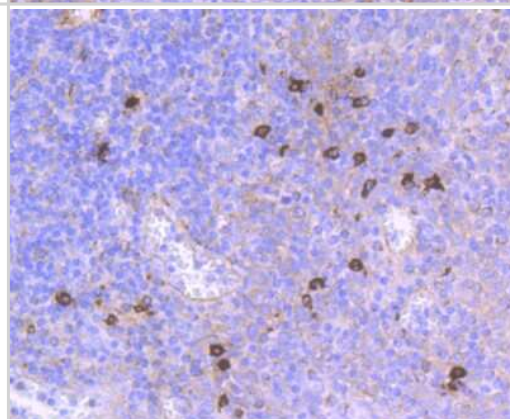
Immunohistochemistry-Paraffin: CD90/Thy1 Antibody (JF10-09) [NBP2-66763] - Analysis of paraffin-embedded human lung cancer tissue using anti-THY1 antibody. Counter stained with hematoxylin.



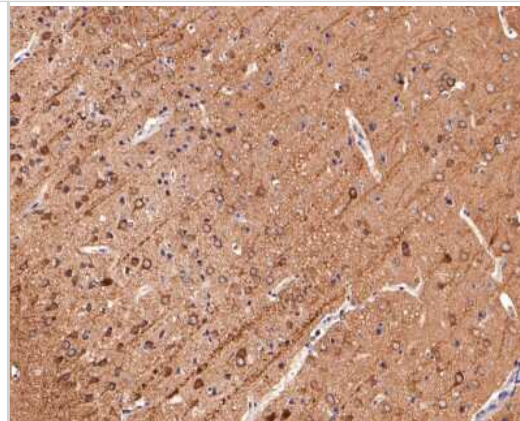
Immunohistochemistry-Paraffin: CD90/Thy1 Antibody (JF10-09) [NBP2-66763] - Analysis of paraffin-embedded human spleen tissue using anti-THY1 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: CD90/Thy1 Antibody (JF10-09) [NBP2-66763] - Analysis of paraffin-embedded human tonsil tissue using anti-THY1 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: CD90/Thy1 Antibody (JF10-09) [NBP2-66763] - Analysis of paraffin-embedded mouse brain tissue using anti-CD90/Thy1 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 30 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (1/400) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



## Publications

Filidou E, Kandilogiannakis L, Tarapatzi G et al. A Simplified and Effective Approach for the Isolation of Small Pluripotent Stem Cells Derived from Human Peripheral Blood Biomedicine 2023-03-05 [PMID: 36979766] (Immunocytochemistry/ Immunofluorescence, Human)

Spathakis M, Tarapatzi G, Filidou E et al. Niclosamide Attenuates Inflammation-Associated Profibrotic Responses in Human Subepithelial Lung Myofibroblasts Biomedicine 2023-07-19 [PMID: 37509671] (ICC/IF, Human)



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### **Products Related to NBP2-66763**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
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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