

# Product Datasheet

## CD90/Thy1 Antibody NBP1-51963

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-51963**

CD90/Thy1 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	7070
Gene Symbol	THY1
Species	Human
Marker	Mesenchymal Cell Marker
Immunogen	Peptide with sequence C-PEHTYRSRTNFTSKY, from the internal region of the protein sequence according to NP_006279.2.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.1-0.3 ug/ml, Immunohistochemistry 3.75 ug/ml, Immunohistochemistry-Paraffin 3.75 ug/ml, Peptide ELISA detection limit 1:64000
Application Notes	This antibody works in ELISA and Western Blot. Approx 26kDa band observed in Human Brain (Cerebellum) and Human Tonsil lysates (calculated MW of 17.9kDa according to NP_006279.2). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Primary incubation was 1 hour. IHC: Paraffin embedded Human Brain (Cortex).

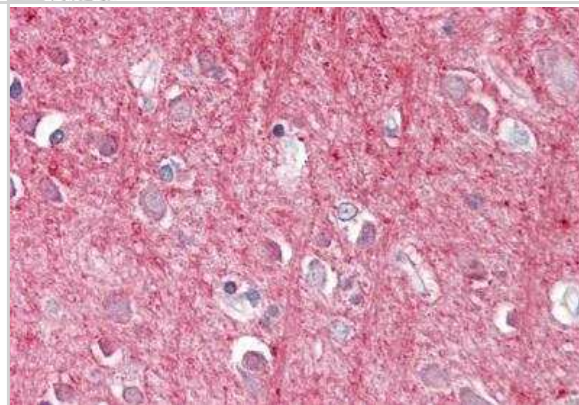


## Images

Western Blot: CD90/Thy1 Antibody [NBP1-51963] - (0.1ug/ml) staining of Human Tonsil lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

Immunohistochemistry-Paraffin: CD90/Thy1 Antibody [NBP1-51963] - (3.75ug/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Li Q, Fischer E, Cohen JI. Cell Surface THY-1 Contributes to Human Cytomegalovirus Entry via a Macropinocytosis-like Process. *J. Virol.* 2016-08-24 [PMID: 27558416]

Saalbach A, Arnhold J, Lessig J et al. Human Thy-1 induces secretion of matrix metalloproteinase-9 and CXCL8 from human neutrophils. *Eur J Immunol* 2008-05-01 [PMID: 18389476]



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HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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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