

Product Datasheet

CD90/Thy1 Antibody (OX-7) - BSA Free NB100-65543

Unit Size: 0.25 mg

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

www.novusbio.com



technical@novusbio.com

Publications: 19

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB100-65543

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NB100-65543



NB100-65543

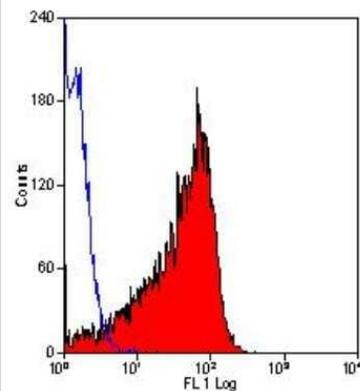
CD90/Thy1 Antibody (OX-7) - BSA Free

Product Information	
Unit Size	0.25 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OX-7
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse CD90/Thy1 Antibody (OX-7) - BSA Free (NB100-65543) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. Anti-CD90/Thy1 Antibody: Cited in 18 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7070
Gene Symbol	THY1
Species	Mouse, Rat
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:28928774).
Marker	Mesenchymal Cell Marker
Specificity/Sensitivity	This antibody is specific for CD90.1
Immunogen	Rat Thy 1 antigen
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Immunohistochemistry Free-Floating
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, Immunohistochemistry Free-Floating reported in scientific literature (PMID 35383427)
Application Notes	For Flow Cytometry: Use 10 ul of the suggested working dilution to label 10 ⁶ cells in 100 ul.

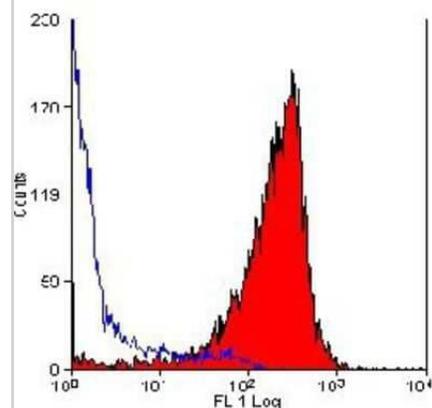


Images

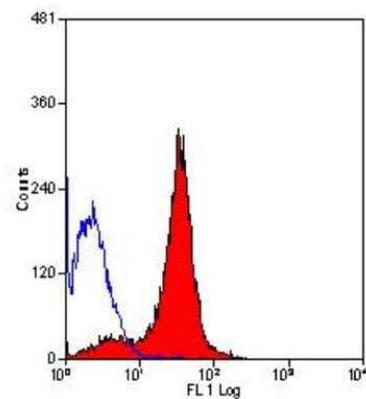
Flow Cytometry: CD90/Thy1 Antibody (OX-7) [NB100-65543] - Staining of rat thymus.



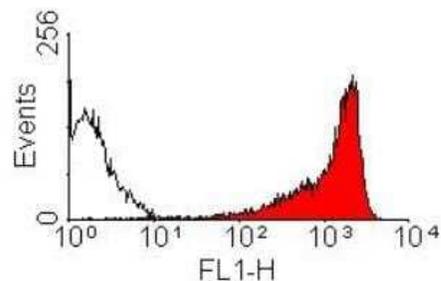
Flow Cytometry: CD90/Thy1 Antibody (OX-7) [NB100-65543] - Staining of rat thymus with MOUSE ANTI RAT CD90 (THY 1.1).



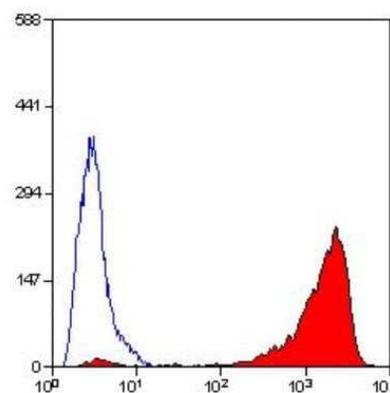
Flow Cytometry: CD90/Thy1 Antibody (OX-7) [NB100-65543] - Staining of rat thymocytes.



Flow Cytometry: CD90/Thy1 Antibody (OX-7) [NB100-65543] - Staining of rat thymocytes.



Flow Cytometry: CD90/Thy1 Antibody (OX-7) [NB100-65543] - Staining of rat thymus cell.



Publications

Weng Y, Feng Y, Li Z et al. Zfp260 choreographs the early stage osteo-lineage commitment of skeletal stem cells Nat Commun 2024-11-24 [PMID: 39582024]

Ohashi N, Urushihara M, Satou R et al. Glomerular angiotensinogen is induced in mesangial cells in diabetic rats via reactive oxygen species--ERK/JNK pathways. Hypertens Res. 2010-11-01 [PMID: 20686488]

Liu J, Zhou L, Zhao F et al. Therapeutic effect of adipose stromal vascular fraction spheroids for partial bladder outlet obstruction induced underactive bladder Stem cell research & therapy 2022-02-09 [PMID: 35139904] (FLOW, Rat)

Details:

Adipose tissue around epididymis was collected and ad-SVF were isolated; conjugate with Allophycocyanin (APC)

Wei X, Wang L, Duan C et al. Cardiac patches made of brown adipose-derived stem cell sheets and conductive electrospun nanofibers restore infarcted heart for ischemic myocardial infarction Bioactive materials 2023-09-01 [PMID: 37122901] (ICC/IF, Rat)

Bai L, Liu Y, Zhang X et al. Osteoporosis remission via an anti-inflammaging effect by icariin activated autophagy Biomaterials 2023-04-10 [PMID: 37058900] (IHC-P, Mouse)

Brown G Adipose-derived stromal vascular fraction therapy improves age-related adrenergic mediated microvascular dysfunction and increases revascularization potential following injury. Thesis 2022-01-01

Zhang N, Luo Y, Zhang H et al. Exosomes Derived from Mesenchymal Stem Cells Ameliorate the Progression of Atherosclerosis in ApoE^{-/-} Mice via FENDRR Cardiovascular toxicology [PMID: 35344140]

Consalvi S, Tucciarone L, Macri E et al. Determinants of epigenetic resistance to HDAC inhibitors in dystrophic fibro-adipogenic progenitors EMBO reports 2022-04-04 [PMID: 35383427] (IHC-FrFI, Mouse)

Tigges J, Eggerbauer F, Worek F Et al. Optimization of long-term cold storage of rat precision cut lung slices (PCLS) with a tissue preservation solution American journal of physiology. Lung cellular and molecular physiology 2021-10-13 [PMID: 34643087] (FLOW, Rat)

Li F, Ma Z et al. Y-box Protein-1 Regulates the Expression of Collagen I in Hepatic Progenitor Cells via PDGFR-beta/ERK/p90RSK Signalling. Stem Cells Int 2017-09-21 [PMID: 28928774] (IF/IHC, Mouse)

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)

Zhang J, Wang JH. Maintenance of Tendon Stem/Progenitor Cells in Culture. Methods Mol. Biol. 2018-09-10 [PMID: 30196413] (ICC/IF, Rat)

More publications at <http://www.novusbio.com/NB100-65543>



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 NB100-65543

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)

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB100-65543

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

