

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.

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Publications: 17

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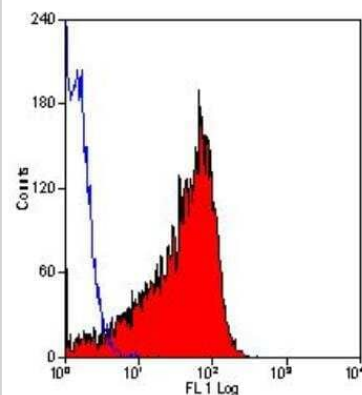
NB100-65543

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

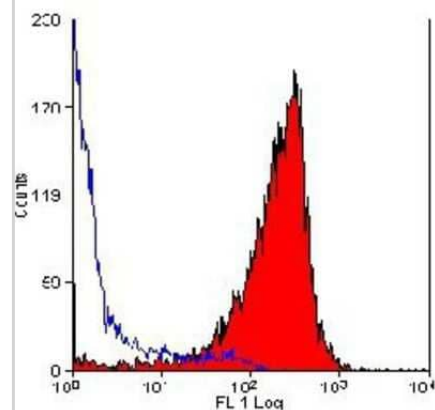
Product Information	
Unit Size	0.25 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OX-7
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS
Product Description	
Host	Mouse
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

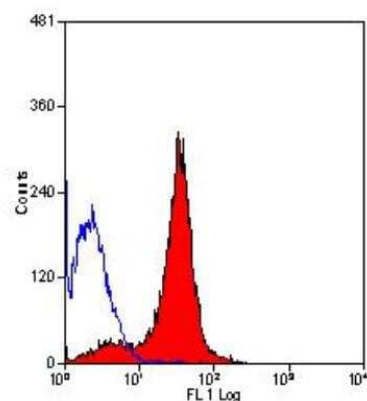
Flow Cytometry: CD90/Thy1 Antibody (OX-7) [NB100-65543] - Staining of rat thymus.



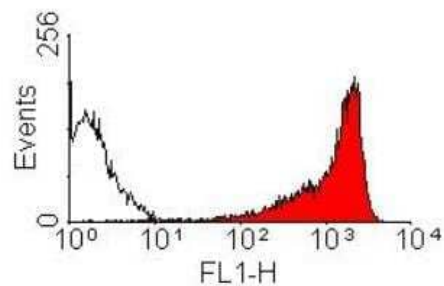
Flow Cytometry: CD90/Thy1 Antibody (OX-7) [NB100-65543] - Staining of rat thymus with MOUSE ANTI RAT CD90 (THY 1.1).



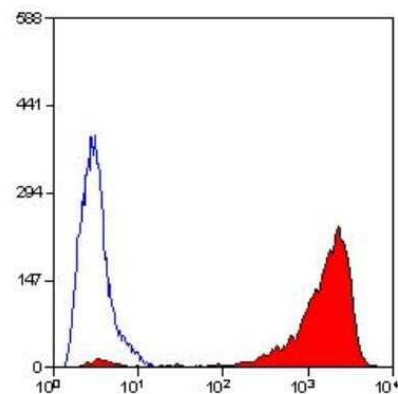
Flow Cytometry: CD90/Thy1 Antibody (OX-7) [NB100-65543] - Staining of rat thymocytes.



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

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)

Hoseini SJ, Ghazavi H, Forouzanfar F et al. Fibroblast Growth Factor 1-Transfected Adipose-Derived Mesenchymal Stem Cells Promote Angiogenic Proliferation. DNA Cell Biol. 2017-03-10 [PMID: 28281780]

Khaldoyanidi S, Schnabel D, Fohr N, Zoller M. Functional activity of CD44 isoforms in haemopoiesis of the rat. Br J Haematol. [PMID: 9012685] (FLOW, Rat)

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





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Products Related to NB100-65543

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB100-65543PE	CD90/Thy1 Antibody (OX-7) [PE]

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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