Product Datasheet

Desmin Antibody
NB120-15200-0.1ml

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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Reviews: 2 Publications: 16

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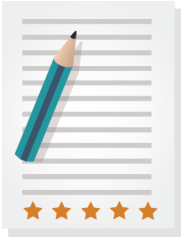
Updated 8/17/2020 v.20.1



NB120-15200-0.1ml

Desmin Antibody

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.1% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.6) and 1.0% BSA
Target Molecular Weight	53 kDa

Product Description	
Host	Rabbit
Gene ID	1674
Gene Symbol	DES
Species	Human, Mouse, Sheep
Reactivity Notes	Predicted cross-reactivity based on sequence homology: Bovine, Chicken, Dog, Frog, Pig and Rat, Canine, Porcine, Rabbit. Sheep reactivity reported in scientific literature (PMID: 25639519)
Specificity/Sensitivity	Desmin
Immunogen	Synthetic peptide mapping near the C-terminus of human desmin.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:75-1:200, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	IF use reported in literature (PMID 22427904). Immunohistochemistry-Frozen was reported in scientific literature. Use in Western blot reported in scientific literature (PMID 24481605)

Publications

Iguchi N, Carrasco A, Xie AX, et al Functional constipation induces bladder overactivity associated with upregulations of Htr2 and Trpv2 pathways Sci Rep 2021-01-14 [PMID: 33441874] (ICC/IF, Mouse)

Details:
Citation using the HRP version of this antibody.

Kikuchi A, Singh S, Poddar M et al. HEPATIC STELLATE CELL-SPECIFIC PLATELET-DERIVED GROWTH FACTOR RECEPTOR ALPHA LOSS REDUCES FIBROSIS AND PROMOTES REPAIR FOLLOWING HEPATOCELLULAR INJURY Am. J. Pathol. 2020-06-29 [PMID: 32615075] (IF/IHC)

Barisic D, Erb M, Follo M et al. Lack of a skeletal muscle phenotype in adult human bone marrow stromal cells following xenogeneic-free expansion Stem Cell Res Ther 2020-02-22 [PMID: 32087752] (ICC/IF, Human)

Almonacid Suarez AM, Zhou Q, van Rijn P, Harmsen MC Directional topography gradients drive optimum alignment and differentiation of human myoblasts J Tissue Eng Regen Med 2019-11-01 [PMID: 31677226] (ICC/IF, Human)

Iguchi N, Donmez MI, Carrasco A et al. Doxorubicin induces detrusor smooth muscle impairments through myosin dysregulation, leading to a risk of lower urinary tract dysfunction Am. J. Physiol. Renal Physiol. 2019-05-08 [PMID: 31066574] (WB, Mouse)

Hwang JY, Mannowetz N, Zhang Y et al. Elimination of Wnt Secretion From Stellate Cells Is Dispensable for Zonation and Development of Liver Fibrosis Following Hepatobiliary Injury Gene Expr. 2019-04-18 [PMID: 30236172] (IHC-P, WB, ICC/IF, Mouse)

Singh BN, koyano-Nakagawa N, Gong W et al. A conserved HH-Gli1-Mycn network regulates heart regeneration from newt to human. Nat Commun. 2018-10-12 [PMID: 30315164] (IHC-Fr, Mouse)

Chen Y, Wu Z, Yuan B et al. MicroRNA-146a-5p attenuates irradiation-induced and LPS-induced hepatic stellate cell activation and hepatocyte apoptosis through inhibition of TLR4 pathway. Cell Death Dis. 2018-01-18 [PMID: 29348414] (ICC/IF, Human)

Barnabei MS, Sjaastad FV, Townsend D et al. Severe dystrophic cardiomyopathy caused by the enteroviral protease 2A-mediated C-terminal dystrophin cleavage fragment Sci Transl Med. 2015-07-01 [PMID: 26136477]

Hirokawa Yumiko, Yip Kelvin Hon Yan, Tan Chin Wee, Burgess Antony W. Colonic myofibroblast cell line stimulates colonoid formation. Am J Physiol Gastrointest Liver Physiol. 2014-04-01 [PMID: 24481605] (WB, Mouse)

Castillo-Melendez M, Yawno T, Allison BJ et al. Cerebrovascular adaptations to chronic hypoxia in the growth restricted lamb Int. J. Dev. Neurosci. 2015-01-29 [PMID: 25639519] (IHC-P, Sheep)

Wang WW, Wang W, Jiang Y et al. Reprogramming of mouse renal tubular epithelial cells to induced pluripotent stem cells. Cytotherapy 2013-02-14 [PMID: 23415920] (ICC/IF, Mouse)

More publications at http://www.novusbio.com/NB120-15200

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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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