

Product Datasheet

Desmin Antibody (DE-U-10) NB110-1790

Unit Size: 0.1 ml

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

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NB110-1790

Desmin Antibody (DE-U-10)

Product Information

Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	DE-U-10
Preservative	0.9% Sodium Azide
Isotype	IgG1
Purity	Unpurified
Buffer	Ascites
Target Molecular Weight	50-55 kDa

Product Description

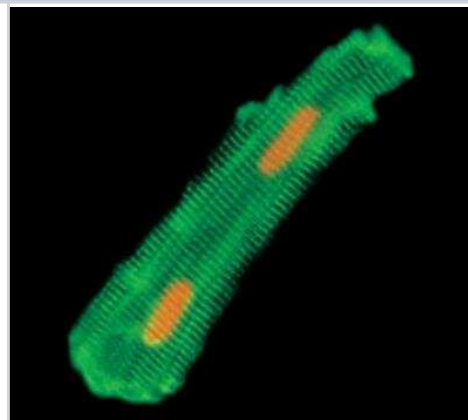
Host	Mouse
Gene ID	1674
Gene Symbol	DES
Species	Human, Mouse, Rat, Bovine, Chicken, Feline, Goat, Hamster, Rabbit, Reptile, Sheep
Reactivity Notes	Cross-reacts with Snake and Lizard. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Immunogen	Full length native protein (purified) (Pig).

Product Application Details

Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Microarray
Recommended Dilutions	Western Blot 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:20, Microarray
Application Notes	Monoclonal anti-desmin may be used for immunocytochemical localization of intermediate filaments of the desmin group in all types of muscle cells and to localize desmin at the periphery of z-discs.

Images

Immunocytochemistry/Immunofluorescence: Desmin Antibody (DE-U-10) [NB110-1790] - Cardiomyocyte isolated from rat heart stained using monoclonal anti-Desmin Antibody (NB110-1790). The cross-striation corresponding to the Z bands is evident. Some striations are continuously crossing the cell, others show branching that is equivalent to the course of the sarcomeres. Due to the isolation procedure, the cell contains only one membrane of the intercalated disc at both ends that labels for desmin. Nuclei are stained with propidium iodide. Data supplied by Prof. Dr. J. Schaper and Dr. S. Hein, Max Planck Institute, Bad Nauheim, Germany.



Publications

Lee JH, Kim SW, Han JS et al. Functional analyses of miRNA-146b-5p during myogenic proliferation and differentiation in chicken myoblasts BMC Mol Cell Biol 2020-05-29 [PMID: 32471354] (WB, Chicken)

Su YR, Chiusa M, Brittain E et al. Right ventricular protein expression profile in end-stage heart failure. Pulm Circ 2015-09-01 [PMID: 26401249] (WB)

Agarwal PK, Born JV den, Goor HV et al. Renoprotective Effects of Long Term Oral Nicotine in a Rat Model of Spontaneous Proteinuria. American Journal of Physiology. Renal Physiology. 2012-01-04 [PMID: 22218593]



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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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