

Product Datasheet

Nebulin Antibody (NB2) NB120-11099

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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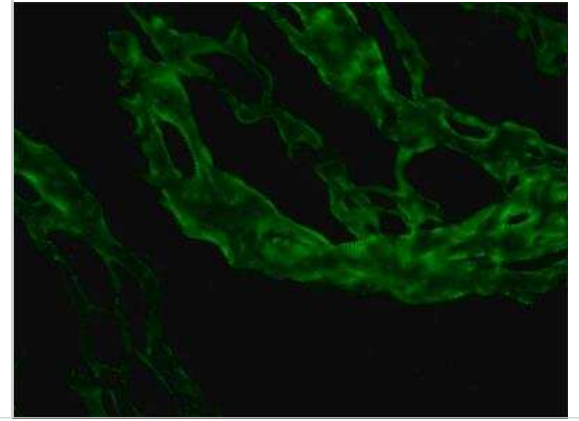
NB120-11099

Nebulin Antibody (NB2)

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	NB2
Preservative	15mM Sodium Azide
Isotype	IgG1
Purity	Unpurified
Buffer	Ascites
Product Description	
Host	Mouse
Gene ID	4703
Gene Symbol	NEB
Species	Human, Mouse, Rat, Porcine, Alligator, Amphibian, Avian, Bovine, Chicken, Fish, Rabbit
Reactivity Notes	Cross-reacts with a wide range of species, including salamander, pigeon, alligator, toad. 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.
Specificity/Sensitivity	Localizes nebulin in skeletal muscle of a wide variety of species from cold-blooded vertebrates to man. Does not crossreact with smooth or cardiac muscle, non-muscle tissue and cultured cells. Localizes nebulin within the I band of skeletal muscle sections by indirect immunofluorescence.
Immunogen	Full length native protein (purified) (Chicken).
Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:100-1:2000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:400
Application Notes	IF: Use at a dilution of 1/400. WB: Use at an assay dependent dilution. Detects a band of approximately 500 kDa. By indirect immunofluorescence, the antibody shows a typical striated staining pattern of frozen sections of chicken skeletal muscle. It stains within the I-band and shows a decoration line at a distance of 0.22 um from the z-line in electron micrographs. Not tested in other applications. Optimal dilutions/concentrations should be determined by the end user.

Images

Immunohistochemistry: Nebulin Antibody (NB2) [NB120-11099] - Frozen sections, acetone fixed Chicken cardiac muscle were stained with 1:400 Monoclonal Anti-Nebulin antibody produced in Mouse, Clone: NB2. followed by 1:40 Anti-Mouse IgG (Fab specific)-FITC antibody produced in Goat.



Publications

Keshewani V, Shahshahan HR, Mishra PK. Cardiac transcriptome profiling of diabetic Akita mice using microarray and next generation sequencing PLoS ONE 2017-08-24 [PMID: 28837672] (WB, Mouse)



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Products Related to NB120-11099

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)
H00004703-Q01-10ug	Recombinant Human Nebulin GST (N-Term) Protein

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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