

## Anti-Nebulin Antibody (Monoclonal, NB2)

Catalog Number: MA1069

### About NEB

Nebulin is a giant protein component of the cytoskeletal matrix that coexists with the thick and thin filaments within the sarcomeres of skeletal muscle. In most vertebrates, nebulin accounts for 3 to 4% of the total myofibrillar protein and its size varies from 600 to 800 kD in a manner that is tissue-, species-, and developmental stage-specific. The nebulin gene contains 183 exons in a 249-kb genomic region. Nebulin is mapped to chromosome 2. Nebulin is a giant filamentous protein specific for vertebrate skeletal muscles. Mutations in the nebulin gene associated with autosomal recessive nemaline myopathy.

### Overview

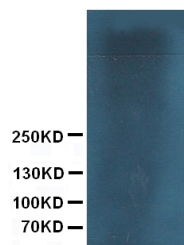
Product Name	Anti-Nebulin Antibody (Monoclonal, NB2)
Reactive Species	Chicken
Description	Boster Bio Anti-Nebulin Antibody (Monoclonal, NB2) catalog # MA1069. Tested in WB applications. This antibody reacts with Chicken.
Application	WB
Clonality	Monoclonal NB2
Formulation	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN <sub>3</sub> as preservative.
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P20929

### Technical Details

Immunogen	Chicken breast nebulin.
Predicted Reactive Species	Monkey
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Mouse IgG1
Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.

Purification	Ascites
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Western blot, 1-2 ug/ml, Chicken</p>

## Anti-Nebulin Antibody (Monoclonal, NB2) (MA1069) Images



Nebulin

Anti-Nebulin antibody, MA1069, Western blotting  
All lanes: Anti Nebulin (MA1069) at 0.5ug/ml  
WB: Mouse Skeletal Muscle Tissue Lysate at 50ug  
Predicted bind size: 773KD  
Observed bind size: 773KD

## 1 Publications Citing This Product

1. PubMed ID: 24345394, Li X, Ni M, Zhang C, Ma W, Zhang Y. Rna. 2014 Feb;20(2):252-9. Doi: 10.1261/Rna.040220.113. Epub 2013 Dec 17. A Convenient System For Highly Specific And Sensitive Detection Of Mirna Expression.

Visit [bosterbio.com/anti-nebulin-antibody-monoclonal-ma1069-boster.html](http://bosterbio.com/anti-nebulin-antibody-monoclonal-ma1069-boster.html) to see all 1 publications.

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