

## Nebulin Antibody [clone NB2] (R30060)

Catalog No.	Formulation	Size
R30060	0.5mg/ml with 1% BSA and 0.01% sodium azide if reconstituted with 0.2ml sterile 1X PBS	100 ug

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<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Chicken
<b>Format</b>	Ascites
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1
<b>Clone Name</b>	NB2
<b>Purity</b>	Ascites
<b>Gene ID</b>	4703
<b>Applications</b>	Western Blot : 1-2 ug/ml
<b>Limitations</b>	This Nebulin antibody is available for research use only.



### Description

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.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Nebulin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

Chicken breast nebulin was used as the immunogen for this Nebulin antibody.

## Storage

After reconstitution, the Nebulin antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.