

# Product Datasheet

## Titin Antibody (T11) NB600-1206

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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**NB600-1206**

Titin Antibody (T11)

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	T11
<b>Preservative</b>	0.1% Sodium Azide
<b>Isotype</b>	IgG2b
<b>Purity</b>	Unpurified
<b>Buffer</b>	Ascites
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Titin Antibody (T11) (NB600-1206) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Titin Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	7273
<b>Gene Symbol</b>	TTN
<b>Species</b>	Human, Mouse, Rat, Avian, Chicken, Fish, Insect, Mammal, Reptile
<b>Reactivity Notes</b>	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. Insect reactivity reported in scientific literature (PMID: 29499397).
<b>Specificity/Sensitivity</b>	The antibody localizes titin (connectin) in skeletal and heart muscle of a wide variety of species from cold-blooded vertebrates to human. The antibody does not cross-react with nebulin. Likewise, it does not react with smooth muscle, non-muscle tissues, or cultured cells.
<b>Immunogen</b>	Full length native protein (purified) (Chicken breast muscle).
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Electron Microscopy, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:1000, Immunohistochemistry-Frozen 1:10-1:500, Electron Microscopy 1:10-1:500



**Publications**

Liao H, Wang F, Lu K et al. Requirement for PINCH in skeletal myoblast differentiation Cell and tissue research 2023-01-01 [PMID: 36385586] (WB, Mouse)

Details:

Dilution: 1:250

Jmii H, Halouani A, Abdeli M, et al. Immunopathology in the brain of mice following vertical transmission of Coxsackievirus B4 Microbial Pathogenesis 2020-01-01 [PMID: 31904449] (ICC/IF, IF/IHC, Mouse)

Berkholz J, Eberle R, Boller K, Munz B. siRNA-mediated inhibition of skNAC and Smyd1 expression disrupts myofibril organization: Immunofluorescence and electron microscopy study in C2C12 cells Micron 2018-02-24 [PMID: 29499397] (ICC/IF, Insect)

Braumann S, Thottakara T, Stucker S et al. S100A4 as a Target of the E3-Ligase Asb2B and Its Effect on Engineered Heart Tissue. Front Physiol. 2018-09-19 [PMID: 30283351] (ICC/IF, Mouse)





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### **Products Related to NB600-1206**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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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