

# Product Datasheet

## Dystrophin Antibody (1808) NB120-3149

Unit Size: 0.5 ml

Store at 4C. Do not freeze.

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**NB120-3149****Dystrophin Antibody (1808)**

<b>Product Information</b>	
<b>Unit Size</b>	0.5 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	1808
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein G purified
<b>Buffer</b>	10mM PBS (pH 7.4) and 0.2% BSA
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	1756
<b>Gene Symbol</b>	DMD
<b>Species</b>	Human, Mouse, Rat, Chicken, Xenopus
<b>Reactivity Notes</b>	Cross-reacts with Human, Chicken, Mouse, Rat, Xenopus laevis and Torpedo ray. Not yet tested in other species. 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.
<b>Specificity/Sensitivity</b>	This reacts with a protein of 427 kD. This is highly specific to dystrophin and shows no cross-reaction with C-protein, a-actin, and human muscle spectrin. Dystrophin is a member of the spectrin/alpha actinin family of actin-binding protein.
<b>Immunogen</b>	Acetylcholine receptor (AChR) enriched membranes and peripheral membrane proteins from Torpedo nobiliana electric organ.
<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
<b>Application Notes</b>	Electron Microscopy. Immunohistochemistry (formalin fixed paraffin embedded): use for 30 min at RT. Staining of formalin-fixed tissues requires boiling tissue sections in 1mM EDTA, pH 8.0, for 10 - 20 min followed by cooling at RT for 20 min. Note that 1mM EDTA, pH 8.0 is better than 10mM citrate buffer, pH 6.0 for unmasking the epitope.

**Publications**

Puchert M, Adams V, Linke A, Engele J. Evidence for the involvement of the CXCL12 system in the adaptation of skeletal muscles to physical exercise. Cell. Signal. 2016-05-26 [PMID: 27237374] (IHC-P, Rat)

Hosur V, Kavirayani A, Riefler J et al. Dystrophin and dysferlin double mutant mice: a novel model for rhabdomyosarcoma. Cancer Genet 2012-05-01 [PMID: 22682622] (Mouse)





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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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