

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)

Product Information

Unit Size	0.5 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	1808
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	10mM PBS (pH 7.4) and 0.2% BSA

Product Description

Host	Mouse
Gene ID	1756
Gene Symbol	DMD
Species	Human, Mouse, Rat, Chicken, Xenopus
Reactivity Notes	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.
Specificity/Sensitivity	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.
Immunogen	Acetylcholine receptor (AChR) enriched membranes and peripheral membrane proteins from <i>Torpedo nobiliana</i> electric organ.

Product Application Details

Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	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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