

# Product Datasheet

## Dystrophin Antibody (MANDRA1) NB120-7164

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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**NB120-7164**

## Dystrophin Antibody (MANDRA1)

**Product Information**

<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>	MANDRA1
<b>Preservative</b>	0.9% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Unpurified
<b>Buffer</b>	Ascites

**Product Description**

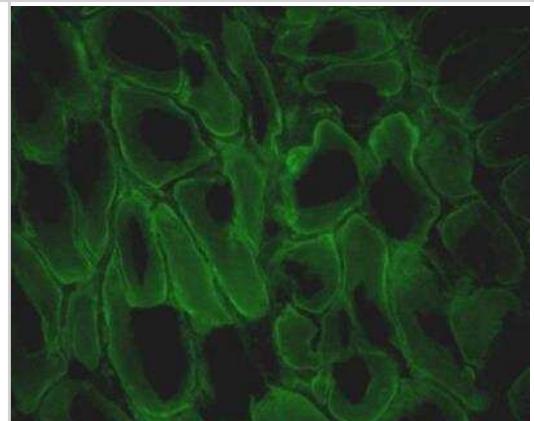
<b>Host</b>	Mouse
<b>Gene ID</b>	1756
<b>Gene Symbol</b>	DMD
<b>Species</b>	Human, Mouse, Rat, Fish
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
<b>Specificity/Sensitivity</b>	The antibody recognizes an epitope located on the 128 amino acids at the end of the C-terminal domain of the human dystrophin molecule (amino acid residues 3558-3684).
<b>Immunogen</b>	Fusion protein, corresponding to amino acids 3200-3684 of Human Dystrophin.

**Product Application Details**

<b>Applications</b>	ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Microarray
<b>Recommended Dilutions</b>	ELISA 1:100-1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Frozen 1:10-1:500, Microarray
<b>Application Notes</b>	ELISA: See Nyugen thi Man et al (1992) and Morris G.E et al (1993) IF: Use freshly dissected and frozen human or animal muscle tissue. Immunohistochemical staining of muscle tissue results in a clear labeling confined to the periphery (plasma membrane) of normal striated muscle fibers.

## Images

Immunohistochemistry-Frozen: Dystrophin Antibody (MANDRA1) [NB120-7164] - Staining of frozen human tongue sections with 1:100 Monoclonal Anti-Dystrophin, Clone: MANDRA1 using Goat Anti-Mouse IgG, FITC-conjugate.



## Publications

Stay TL, Miterko LN, Arancillo M et al. In vivo cerebellar circuit function is disrupted in an mdx mouse model of Duchenne muscular dystrophy. Dis Model Mech 2019-11-08 [PMID: 31704708] (IF/IHC, Mouse)

Annese T, Corsi P, Ruggieri S et al. Isolation and characterization of neural stem cells from dystrophic mdx mouse. Exp. Cell Res. 2016-03-22 [PMID: 27015747] (ICC/IF, Mouse)

Morris GE, Ellis JM, Nguyen TM et al. A quantitative ELISA for dystrophin. J Immunol Methods. 1993-05-01 [PMID: 8486926]

Nguyen TM, Ginjaar IB, van Ommen GJ et al. Monoclonal antibodies for dystrophin analysis. Epitope mapping and improved binding to SDS-treated muscle sections. Biochem J. 1992-12-01 [PMID: 1281410]



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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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