

Product Datasheet

Dystrophin Antibody (DMD/3242) NBP2-79783-100ug

Unit Size: 100 ug

Store at 4C.

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NBP2-79783-100ug

Dystrophin Antibody (DMD/3242)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	DMD/3242
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	427 kDa

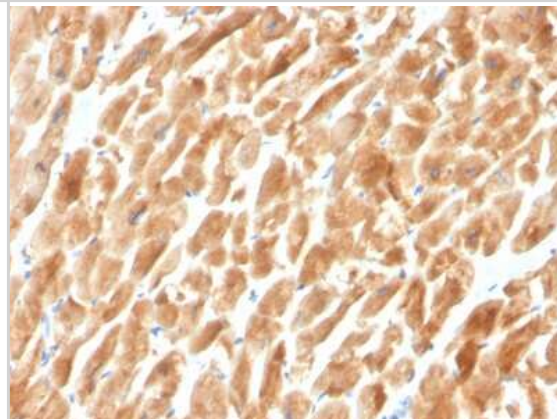
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-79917) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	1756
Gene Symbol	DMD
Species	Human
Marker	Marker of Duchenne and Becker Muscular Dystrophy
Immunogen	A recombinant fragment (around aa 114-263) of human DMD protein (exact sequence is proprietary) (Uniprot: P11532)

Product Application Details	
Applications	ELISA, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	ELISA, Immunohistochemistry 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml, Immunohistochemistry-Frozen, Protein Array
Application Notes	Use in IHC-Fr reported in scientific literature (PMID:33579366) ELISA: For coating, order Ab without BSA. Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined. ELISA: For coating, Order antibody without BSA

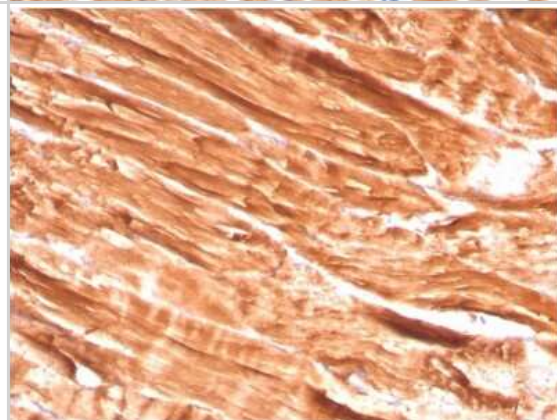


Images

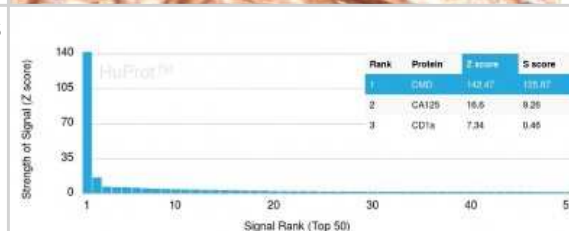
Immunohistochemistry-Paraffin: Dystrophin Antibody (DMD/3242) [NBP2-79783] - Formalin-fixed, paraffin-embedded human cardiac muscle stained with Dystrophin Monospecific Mouse Monoclonal Antibody (DMD/3242).



Immunohistochemistry-Paraffin: Dystrophin Antibody (DMD/3242) [NBP2-79783] - Formalin-fixed, paraffin-embedded human Skeletal Muscle stained with Dystrophin Antibody (DMD/3242).



Protein Array: Dystrophin Antibody (DMD/3242) [NBP2-79783] - Analysis of Protein Array containing more than 19,000 full-length human proteins using Dystrophin Antibody (DMD/3242). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (Monoclonal Antibody) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a Monoclonal Antibody to its intended target. A Monoclonal Antibody is considered to specific to its intended target, if the Monoclonal Antibody has an S-score of at least 2.5



Publications

Ashraf M, Tipparaju SM, Kim JW, Xuan W Chemokine/ITGA4 Interaction Directs iPSC-Derived Myogenic Progenitor Migration to Injury Sites in Aging Muscle for Regeneration Cells 2023-07-12 [PMID: 37508502] (ICC/IF, Mouse)

Khan M, Ashraf M Human iPS Cells Derived Skeletal Muscle Progenitor Cells Promote Myoangiogenesis and Restore Dystrophin in Duchenne Muscular Dystrophic Mice Stem Cell Res Ther 2021-02-13 [PMID: 33579366] (IHC-Fr, Human)



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Products Related to NBP2-79783-100ug

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
H00001756-P01-10ug	Recombinant Human Dystrophin GST (N-Term) Protein

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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