

Product Datasheet

MyoD Antibody (MYOD1/2075R) [mFluor Violet 500 SE] NBP2-75772MFV500

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-75772MFV500

MyoD Antibody (MYOD1/2075R) [mFluor Violet 500 SE]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	MYOD1/2075R
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	mFluor Violet 500 SE
Purity	Protein A purified
Buffer	50mM Sodium Borate

Product Description	
Host	Rabbit
Gene ID	4654
Gene Symbol	MYOD1
Species	Human
Marker	Rhabdomyosarcoma Marker
Specificity/Sensitivity	Recognizes a phospho-protein of 45kDa, identified as MyoD1. This monoclonal antibody does not cross react with myogenin, Myf5, or Myf6. Antibody to MyoD1 labels the nuclei of myoblasts in developing muscle tissues. MyoD1 is not detected in normal adult tissue, but is highly expressed in the tumor cell nuclei of rhabdomyosarcomas. Occasionally nuclear expression of MyoD1 is seen in ectomesenchymoma and a subset of Wilm s tumors. Weak cytoplasmic staining is observed in several non-muscle tissues, including glandular epithelium and also in rhabdomyosarcomas, neuroblastomas, Ewing s sarcomas and alveolar soft part sarcomas. Only nuclear staining should be considered as evidence of skeletal muscle differentiation.
Immunogen	Recombinant human full-length MyoD protein (Uniprot: P15172)
Notes	mFluor(TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry, Protein Array
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array
Application Notes	Optimal dilution of this antibody should be experimentally determined.



**Novus Biologicals USA**

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-75772MFV500

NBP2-24891MFV500	Rabbit IgG Isotype Control [mFluor Violet 500 SE]
H00004654-Q01-10ug	Recombinant Human MyoD GST (N-Term) Protein
291-G1-200	IGF-I/IGF-1 [Unconjugated]
NBL1-13443	MyoD Overexpression Lysate

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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