

Product Datasheet

MyoD Antibody (MYOD1/2075R) - Azide and BSA Free NBP2-75772

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-75772

Updated 7/16/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-75772



NBP2-75772

MyoD Antibody (MYOD1/2075R) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	MYOD1/2075R
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	10 mM PBS
Target Molecular Weight	45 kDa

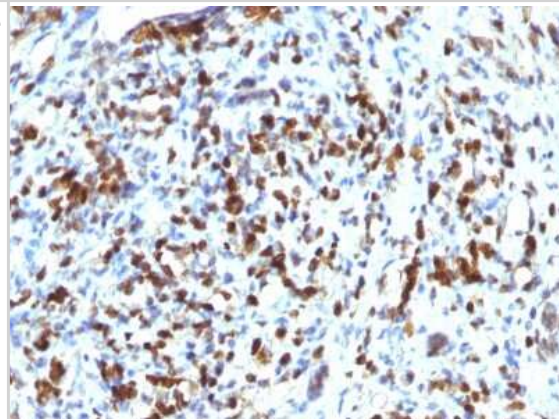
Product Description	
Description	1.0 mg/ml of antibody purified by Protein A Column. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-75769). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.
Host	Rabbit
Gene ID	4654
Gene 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)

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin 0.5-1 ug/ml, Protein Array
Application Notes	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.

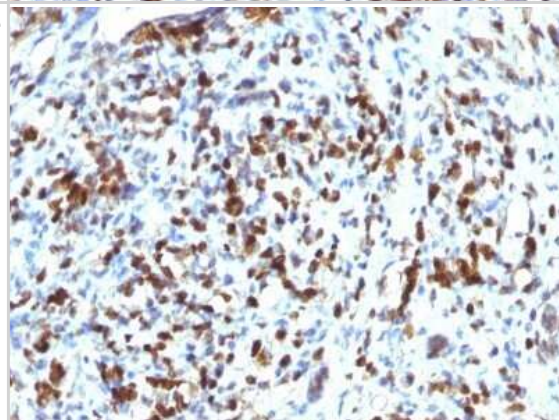


Images

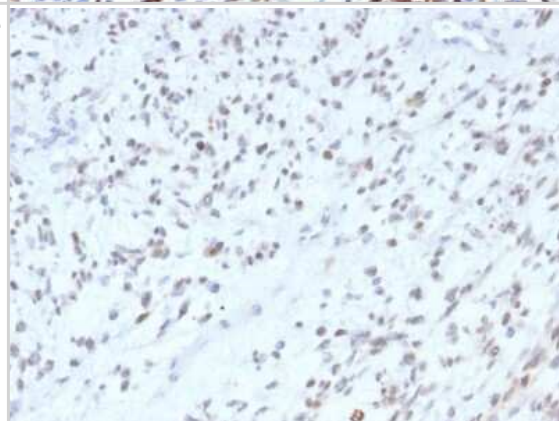
Immunohistochemistry-Paraffin: MyoD Antibody (MYOD1/2075R) - Azide and BSA Free [NBP2-75772] - Formalin-fixed, paraffin-embedded human rhabdomyosarcoma stained with MyoD Recombinant Rabbit Monoclonal Antibody (MYOD1/2075R).



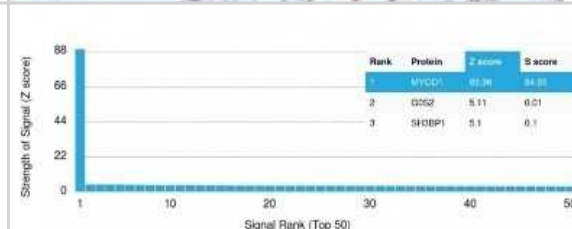
Immunohistochemistry-Paraffin: MyoD Antibody (MYOD1/2075R) - Azide and BSA Free [NBP2-75772] - Formalin-fixed, paraffin-embedded human Rhabdomyosarcoma stained with MyoD Antibody (MYOD1/2075R).



Immunohistochemistry-Paraffin: MyoD Antibody (MYOD1/2075R) - Azide and BSA Free [NBP2-75772] - Formalin-fixed, paraffin-embedded human rhabdomyosarcoma stained with MyoD Recombinant Rabbit Monoclonal Antibody (MYOD1/2075R).



Protein Array: MyoD Antibody (MYOD1/2075R) - Azide and BSA Free [NBP2-75772] - Analysis of Protein Array containing more than 19,000 full-length human proteins using MyoD Antibody (MYOD1/2075R). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (Monoclonal Antibody) (in combination with a fl





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 NBP2-75772

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00004654-P01-2ug	Recombinant Human MyoD 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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-75772

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

