

# Product Datasheet

## MyoD Antibody (MYOD1/2075R) [DyLight 550] NBP2-75772R

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-75772R**

MyoD Antibody (MYOD1/2075R) [DyLight 550]

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	DyLight 550
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	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin, 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 NBP2-75772R**

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NBP2-24891R	Rabbit IgG Isotype Control [DyLight 550]
H00004654-P01-2ug	Recombinant Human MyoD GST (N-Term) Protein
291-G1-200	IGF-I/IGF-1 [Unconjugated]
H00004654-Q01-10ug	Recombinant Human MyoD GST (N-Term) Protein

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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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