

Product Datasheet

MyoD Antibody (MYOD1/2075R) [PE] NBP2-75772PE

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-75772PE

MyoD Antibody (MYOD1/2075R) [PE]

| 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 | PE |
| Purity | Protein A purified |
| Buffer | PBS |
| 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) |
| 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 NBP2-75772PE

| | |
|--------------------|---|
| NBP2-24983 | Rabbit IgG Isotype Control [PE] |
| 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 |

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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