

Product Datasheet

MyoD Antibody (MYOD1/2075R) [Janelia Fluor® 669] NBP2-75772JF669

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-75772JF669

MyoD Antibody (MYOD1/2075R) [Janelia Fluor® 669]

| 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 | Janelia Fluor 669 |
| 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 | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus. |

| 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. |



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Products Related to NBP2-75772JF669

| | |
|--------------------|--|
| NBP2-24891JF669 | Rabbit IgG Isotype Control [Janelia Fluor 669] |
| 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.

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

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