

# Product Datasheet

## MyoD Antibody (JE60-47) NBP3-32630

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-32630**

MyoD Antibody (JE60-47)

| Product Information     |                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------|
| Unit Size               | 100 ul                                                                                 |
| Concentration           | 1 mg/ml                                                                                |
| Storage                 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality               | Monoclonal                                                                             |
| Clone                   | JE60-47                                                                                |
| Preservative            | 0.05% Sodium Azide                                                                     |
| Isotype                 | IgG                                                                                    |
| Purity                  | Protein A purified                                                                     |
| Buffer                  | 1*TBS (pH7.4), 0.05% BSA and 40% Glycerol                                              |
| Target Molecular Weight | 35 kDa                                                                                 |

| Product Description |                                      |
|---------------------|--------------------------------------|
| Host                | Rabbit                               |
| Gene ID             | 4654                                 |
| Gene Symbol         | MYOD1                                |
| Species             | Human                                |
| Immunogen           | Synthetic peptide. (Uniprot: P15172) |

| Product Application Details |                                                                    |
|-----------------------------|--------------------------------------------------------------------|
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence              |
| Recommended Dilutions       | Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:100 |



## Images

Western Blot: MyoD Antibody (JE60-47) [NBP3-32630] - Western blot analysis of MyoD on different lysates with Rabbit anti-MyoD antibody (NBP3-32630) at 1/1,000 dilution.

Lane 1: RD cell lysate  
Lane 2: HEK-293 cell lysate (negative)  
Lane 3: HeLa cell lysate (negative)  
Lane 4: RD cell lysate

Lysates/proteins at 30 ug/Lane.

Predicted band size: 35 kDa  
Observed band size: 45 kDa

Exposure time: 10 seconds; ECL;

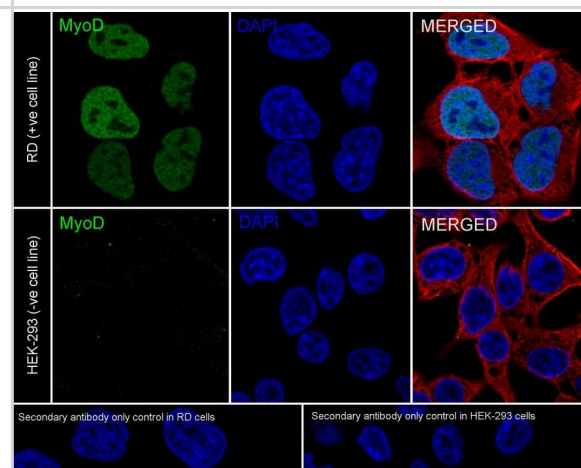
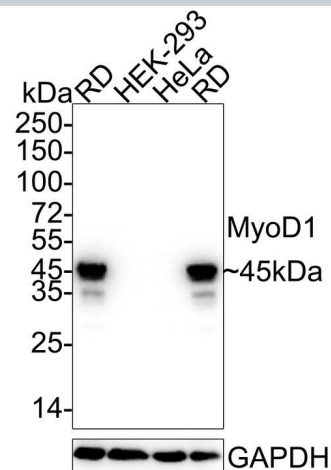
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32630) at 1/1,000 dilution was used in 5% NFDM/TBST at 4 overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunocytochemistry/ Immunofluorescence: MyoD Antibody (JE60-47) [NBP3-32630] - Immunocytochemistry analysis of RD (positive) and HEK-293 (negative) labeling MyoD with Rabbit anti-MyoD antibody (NBP3-32630) at 1/100 dilution.

Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-MyoD antibody (NBP3-32630) at 1/100 dilution in 1% BSA in PBST overnight at 4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.





### **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 NBP3-32630**

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|                    |                                                     |
|--------------------|-----------------------------------------------------|
| 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-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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