

# Product Datasheet

## MyoD Antibody (HL1372) - Azide and BSA Free NBP3-25573

Unit Size: 100 ul

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

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**NBP3-25573**

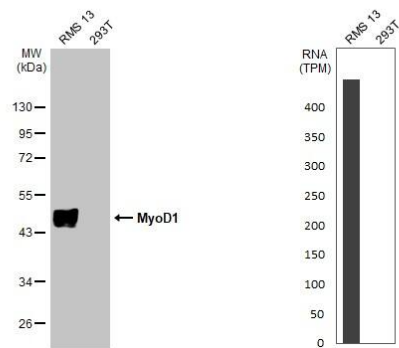
MyoD Antibody (HL1372) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	HL1372
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	4654
<b>Gene Symbol</b>	MYOD1
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human MyoD. The exact sequence is proprietary.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin

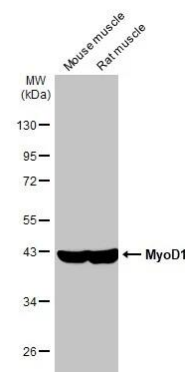


## Images

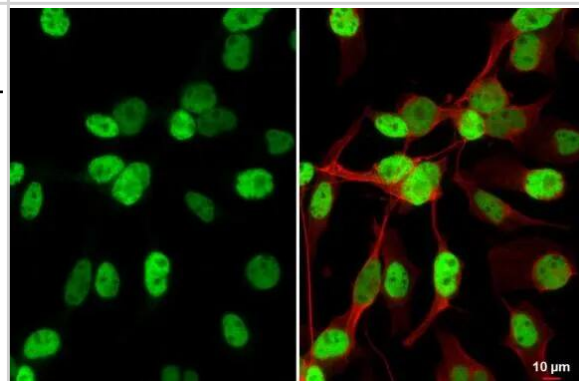
**Western Blot: MyoD Antibody (HL1372) - Azide and BSA Free [NBP3-25573]** - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with MyoD1 antibody [HL1372] (NBP3-25573) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



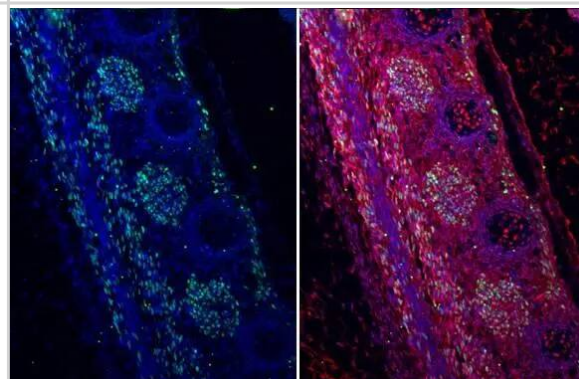
**Western Blot: MyoD Antibody (HL1372) - Azide and BSA Free [NBP3-25573]** - Various tissue extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with MyoD1 antibody [HL1372] (NBP3-25573) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



**Immunocytochemistry/Immunofluorescence: MyoD Antibody (HL1372) - Azide and BSA Free [NBP3-25573]** - MyoD1 antibody [HL1372] detects MyoD1 protein at nucleus by immunofluorescent analysis. Sample: RMS-13 cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: MyoD1 stained by MyoD1 antibody [HL1372] (NBP3-25573) diluted at 1:500. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] diluted at 1:1000.



**Immunohistochemistry-Paraffin: MyoD Antibody (HL1372) - Azide and BSA Free [NBP3-25573]** - MyoD1 antibody [HL1372] detects MyoD1 protein at nucleus by immunohistochemical analysis. Sample: Paraffin-embedded mouse E13.5 embryo. Green: MyoD1 stained by MyoD1 antibody [HL1372] (NBP3-25573) diluted at 1:100. Red: SOX2, a nucleus marker, stained by SOX2 antibody [GT1352] (NBP2-19306) diluted at 1:250. Blue: Fluoroshield with DAPI. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min





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### **Products Related to NBP3-25573**

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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-P01-2ug	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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