MyoD1 antibody [HL1372]

Cat. No. GTX636812

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat

References (2)
Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

Observed MW (kDa)	42-45 kDa.
Product Note	This antibody is specific for human MyoD1 protein, and it does not cross react with human MYOG, MYF5, and MYF6 protein.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human MyoD1. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

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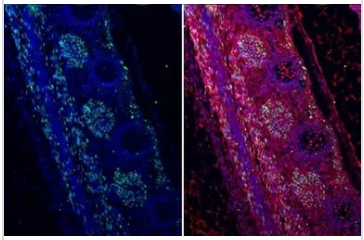
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

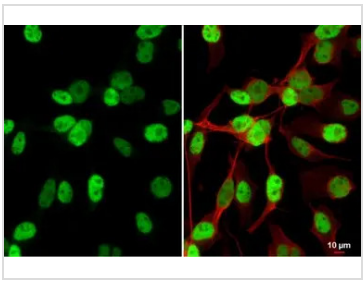
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



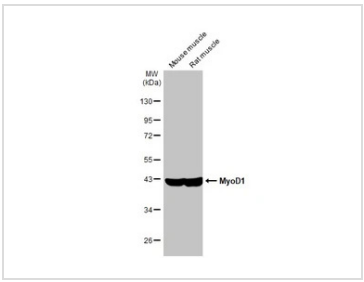
GTX636812 IHC-P Image

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] (GTX636812) diluted at 1:100.
Red: SOX2, a nucleus marker, stained by SOX2 antibody [GT1352] (GTX627405) diluted at 1:250.
Blue: Fluoroshield with DAPI (GTX30920).
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



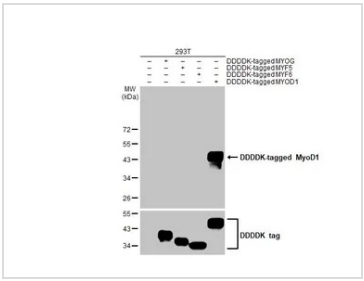
GTX636812 ICC/IF Image

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] (GTX636812) diluted at 1:500.
Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:1000.



GTX636812 WB Image

Various tissue extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with MyoD1 antibody [HL1372] (GTX636812) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX636812 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with MyoD1 antibody [HL1372] (GTX636812) diluted at 1:15000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

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