

Product Datasheet

MyoD Antibody (MYD712)

NBP2-32883-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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Publications: 1

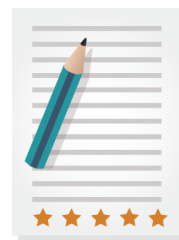
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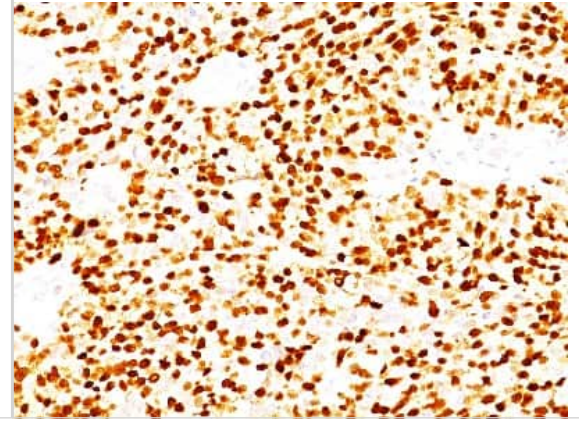
MyoD Antibody (MYD712)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	MYD712
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A purified
Buffer	PBS with 0.05% BSA.
Target Molecular Weight	45 kDa
Product Description	
Host	Mouse
Gene ID	4654
Gene Symbol	MYOD1
Species	Human
Marker	Rhabdomyosarcoma Marker
Specificity/Sensitivity	Recognizes a phosphor-protein of 45kDa, identified as MyoD1. This MAb 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.
Immunogen	Recombinant human MyoD1 protein
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Single Cell Western
Recommended Dilutions	Western Blot, Flow Cytometry 0.5-1ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 0.5-1ug/ml, Immunohistochemistry-Paraffin 0.5-1.0ug/ml, Single Cell Western 100 ug/ml
Application Notes	Use in Western blot reported in reported in scientific literature (PMID: 30890574).



Images

Immunohistochemistry-Paraffin: MyoD1 Antibody (MYD712) [NBP2-32883] - Formalin-fixed, paraffin-embedded human rhabdomyosarcoma stained with MyoD1 MAb (MYD712)



Publications

Dell'Orso S, Juan AH, Ko KD et al. Single-cell analysis of adult skeletal muscle stem cells in homeostatic and regenerative conditions Development 2019-03-19 [PMID: 30890574] (WB, Human)



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Products Related to NBP2-32883-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
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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