Product Datasheet

MyoD Antibody (5.8A) [FITC]
NB100-56511F

Unit Size: 0.1 ml

Store at 4C in the dark.

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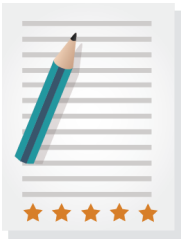

NB100-56511F

MyoD Antibody (5.8A) [FITC]

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	5.8A
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	FITC
Purity	Protein G purified
Buffer	PBS

Product Description

Description	There is considerable literature published using the MyoD, Clone 5.8A antibody. The original development publication of the MyoD antibody, Clone 5.8A showed that the antibody detected MyoD in rhabdomysosarcomas by IHC (frozen) but not in normal adult tissues (Dias, 1992) or normal fetal skeletal muscle. The 5.8A clone also detected MyoD1 in a subset of Wilms' tumors and one ectomesenchyoma, neoplasms known to contain myogenic elements. These results led to the concept in 1992 that the 5.8A clone may be useful for differentiating rhabdomyosarcomas from other soft tissue malignancies. However, as there has been a myriad of publications since Clone 5.8A was first described, users are encourage to consult the scientific literature citing Clone 5.8A to determine the suitability of the antibody for their model system.
Host	Mouse
Gene ID	4654
Gene Symbol	MYOD1
Species	Human, Mouse
Specificity/Sensitivity	In Rh-30, a ~45 kDa band should be observed.
Immunogen	The 5.8A antibody was made against recombinant mouse MyoD protein but it also recognizes human (myf3), rat, and cat homologs. The epitope of this antibody was mapped to a region within aa 180-189 of mouse MyoD (NP_002469).
Notes	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details

Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Knockdown Validated, Knockout Validated
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Knockout Validated, Knockdown Validated
Application Notes	Optimal dilution of this antibody should be experimentally determined.

Images

Product Image: MyoD Antibody (5.8A) [FITC] [NB100-56511F] - Vial of FITC conjugated antibody. FITC is optimally excited at 498 nm by the Blue laser (488 nm) and has an emission maximum of 519 nm.

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Products Related to NB100-56511F

NBP1-43319F	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [FITC]
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.

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