


# Anti-Myogenin antibody [MGN185 + F5D] - BSA and Azide free ab269801

1 Image

### Overview

<b>Product name</b>	Anti-Myogenin antibody [MGN185 + F5D] - BSA and Azide free
<b>Description</b>	Mouse monoclonal [MGN185 + F5D] to Myogenin - BSA and Azide free
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Cow, Cat, Pig 
<b>Immunogen</b>	Recombinant full length protein corresponding to Human Myogenin. Database link: <a href="#">O75309</a>
<b>Positive control</b>	IHC-P: Human rhabdomyosarcoma.
<b>General notes</b>	ab269801 is the carrier free version of <a href="#">ab199017</a> .

Our **carrier-free** antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.

This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.

Use our **conjugation kits** for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Please note that this antibody is an oligoclonal antibody. It is a cocktail of monoclonal antibodies that have been carefully selected. Oligoclonal antibodies have not only the specificity and batch-to-batch consistency of a monoclonal antibody, but also have the advantage of the sensitivity of a polyclonal antibody due to their ability to recognize multiple epitopes on an antigen.

## Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein G purified
Purification notes	<b>ab19917</b> was purified from Bioreactor Concentrate.
Clonality	Monoclonal
Clone number	MGN185 + F5D
Isotype	IgG1
Light chain type	kappa

## Applications

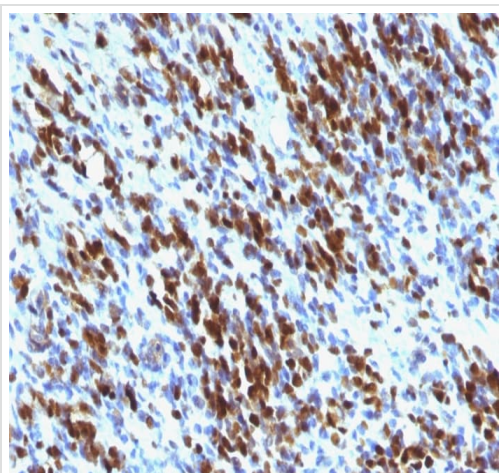
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab269801 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 1 - 2 µg/ml. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. Perform antigen retrieval for 45 min at 95°C followed by cooling at room temperature for 20 minutes.  Incubate with primary antibody for 30 minutes at room temperature

## Target

Function	Involved in muscle differentiation (myogenic factor). Induces fibroblasts to differentiate into myoblasts. Probable sequence specific DNA-binding protein.
Sequence similarities	Contains 1 basic helix-loop-helix (bHLH) domain.
Cellular localization	Nucleus.

## Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myogenin antibody [MGN185 + F5D] - BSA and Azide free (ab269801)

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab199017**).

Immunohistochemical analysis of formalin-fixed, paraffin-embedded human rhabdomyosarcoma labeling Myogenin with **ab199017**.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Extensive multi-media technical resources to help you
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