


## Product datasheet

# Anti-Myogenin antibody [MGN185 + F5D] ab199017

[2 References](#) [1 Image](#)

### Overview

<b>Product name</b>	Anti-Myogenin antibody [MGN185 + F5D]
<b>Description</b>	Mouse monoclonal [MGN185 + F5D] to Myogenin
<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, Cat, Pig 
<b>Immunogen</b>	Recombinant fragment corresponding to Myogenin aa 1-250. Human myogenin recombinant protein (P15173) (Clone: MGN185); Rat Myogenin recombinant fragment containing amino acid 30-224 (Protein length = 287) (P20428) (Clone: F5D).
<b>Positive control</b>	IHC-P: Human rhabdomyosarcoma tissue.
<b>General notes</b>	<p>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.</p> <p>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&amp;As</p> <p>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.</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	pH: 7.2 Preservative: 0.05% Sodium azide Constituents: 99% PBS, 0.05% BSA
<b>Purity</b>	Protein A/G purified

<b>Purification notes</b>	ab199017 was purified from Bioreactor Concentrate.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	MGN185 + F5D
<b>Isotype</b>	IgG1
<b>Light chain type</b>	kappa

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab199017 in the following tested applications.

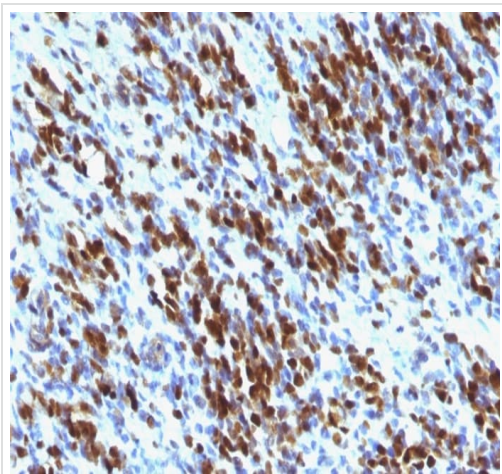
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		<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.</p> <p>Perform antigen retrieval for 45 min at 95°C followed by cooling at room temperature for 20 minutes.</p> <p>Incubate with primary antibody for 30 minutes at room temperature</p>

## Target

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

## Images



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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myogenin antibody  
[MGN185 + F5D] (ab199017)

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