

# Anti-MBNL3 antibody [EPR16337] ab197590

**重组** RabMAb

**1 References**   **3 图像**

### 概述

产品名称	Anti-MBNL3抗体[EPR16337]
描述	兔单克隆抗体[EPR16337] to MBNL3
宿主	Rabbit
经测试应用	<b>适用于:</b> WB, ICC/IF
种属反应性	<b>与反应:</b> Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB; Human placenta lysate. ICC/IF: JAR cells.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

### 性能

形式	Liquid
存放说明	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.
存储溶液	<p>pH: 7.20</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR16337
同种型	IgG

应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab197590于以下的经测试应用

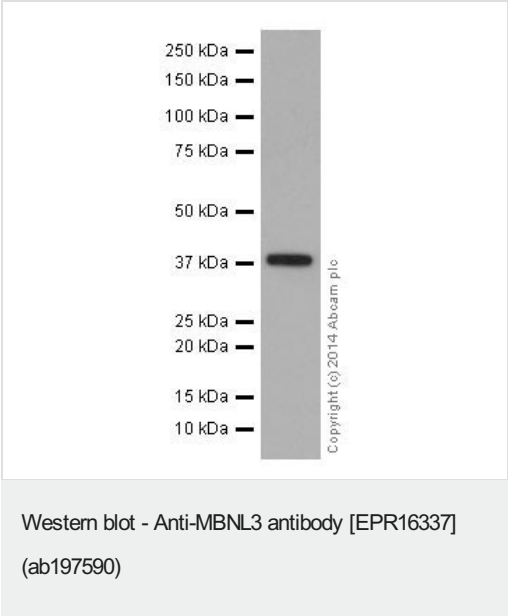
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000. Detects a band of approximately 39 kDa (predicted molecular weight: 39 kDa).
ICC/IF		1/800.

靶标

功能	Mediates pre-mRNA alternative splicing regulation. Acts either as activator or repressor of splicing on specific pre-mRNA targets. Inhibits cardiac troponin-T (TNNT2) pre-mRNA exon inclusion but induces insulin receptor (IR) pre-mRNA exon inclusion in muscle. Antagonizes the alternative splicing activity pattern of CELF proteins. May play a role in myotonic dystrophy pathophysiology (DM). Could inhibit terminal muscle differentiation, acting at approximately the time of myogenin induction.
组织特异性	Highly expressed in the placenta.
序列相似性	Belongs to the muscleblind family. Contains 4 C3H1-type zinc fingers.
细胞定位	Nucleus. Cytoplasm. Greater concentration in the nucleus. In both DM1 and DM2 patients, colocalizes with nuclear foci of retained expanded-repeat transcripts.

图片



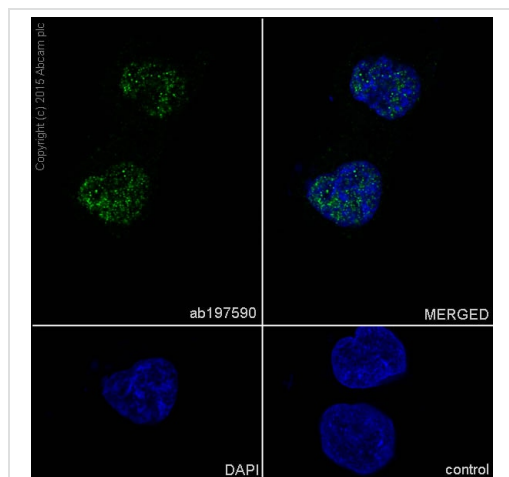
Anti-MBNL3 antibody [EPR16337] (ab197590) at 1/1000 dilution + Human placenta lysate at 10 µg

**Secondary**  
Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

**Predicted band size:** 39 kDa  
**Observed band size:** 39 kDa

Blocking/Dilution buffer: 5% NFDM/TBST.

The expression is consistent with what has been described in the literature (PMID:11929853).






Immunocytochemistry/ Immunofluorescence - Anti-MBNL3 antibody [EPR16337] (ab197590)

ab197590 staining MBNL3 in JAR (human choriocarcinoma) cells by ICC/IF (Immunocytochemistry/immunofluorescence). Cells were fixed with 4% Paraformaldehyde and permeabilized with 0.1% Triton X-100. Samples were incubated with primary antibody at a dilution of 1/500. A goat anti rabbit IgG (Alexa Fluor® 488) ([ab150077](#)) was used as the secondary antibody at a dilution of 1/1000. DAPI was used as a nuclear counterstain.

Control: PBS only

Why choose a recombinant antibody?

 <p><b>Research with confidence</b> Consistent and reproducible results</p>	 <p><b>Long-term and scalable supply</b> Recombinant technology</p>
 <p><b>Success from the first experiment</b> Confirmed specificity</p>	 <p><b>Ethical standards compliant</b> Animal-free production</p>

Anti-MBNL3 antibody [EPR16337] (ab197590)

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

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