

## Product datasheet

# Anti-Melusin antibody [EPR13537] ab180858

Recombinant RabMAb

[2 Images](#)

### Overview

<b>Product name</b>	Anti-Melusin antibody [EPR13537]
<b>Description</b>	Rabbit monoclonal [EPR13537] to Melusin
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB <b>Unsuitable for:</b> ICC/IF, IHC-P or IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide within Human Melusin aa 300 to the C-terminus (C terminal) (Cysteine residue). The exact sequence is proprietary. Database link: <a href="#">Q9UKP3</a>
<b>Positive control</b>	Human fetal heart and Human skeletal muscle lysates.
<b>General notes</b>	<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> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</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: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant

<b>Purity</b>	Tissue culture supernatant
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR13537
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab180858 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
WB		1/1000 - 1/5000. Predicted molecular weight: 38 kDa.

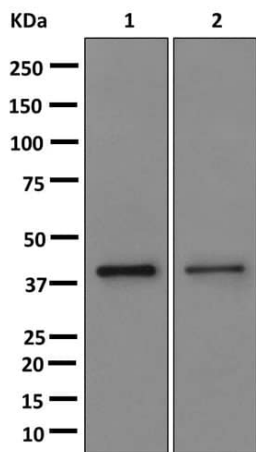
**Application notes** Is unsuitable for ICC/IF, IHC-P or IP.

## Target

**Relevance** Melusin is a muscle-specific protein that interacts with the Integrin 1 cytoplasmic domain, in the hypertrophic response to mechanical overload.

**Cellular localization** Plasma membrane

## Images



**All lanes** : Anti-Melusin antibody [EPR13537] (ab180858) at 1/1000 dilution

**Lane 1** : Human fetal heart lysate





**Lane 2** : Human skeletal muscle lysate

Lysates/proteins at 10 µg per lane.

**Predicted band size:** 38 kDa

Western blot - Anti-Melusin antibody [EPR13537] (ab180858)

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-Melusin antibody [EPR13537] (ab180858)

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

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