

Product datasheet

Anti-ACTN3 antibody [EP2531Y] ab68204

**重组 RabMAb**

★★★★★ 4 Abreviews 3 图像

概述

<b>产品名称</b>	Anti-ACTN3抗体[EP2531Y]
<b>描述</b>	兔单克隆抗体[EP2531Y] to ACTN3
<b>宿主</b>	Rabbit
<b>经测试应用</b>	<b>适用于:</b> ICC/IF, WB, IHC-P, Flow Cyt <b>不适用于:</b> IP
<b>种属反应性</b>	<b>与反应:</b> Mouse, Rat, Human
<b>免疫原</b>	A synthetic peptide corresponding to residues on the N-terminus of human ACTN3.
<b>阳性对照</b>	Human skeletal muscle lysate and human muscle tissue
<b>常规说明</b>	

Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb<sup>®</sup> patents](#)

This product is a recombinant rabbit monoclonal antibody.

性能

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>存储溶液</b>	pH: 7.40 Preservative: 0.01% Sodium azide Constituents: 50% Glycerol, 0.05% BSA
<b>纯度</b>	Tissue culture supernatant
<b>克隆</b>	单克隆
<b>克隆编号</b>	EP2531Y
<b>同种型</b>	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab68204** in the following tested applications.

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

应用	Ab评论	说明
ICC/IF	★★★★☆	1/100 - 1/250.
WB	★★★★★	1/5000 - 1/10000. Detects a band of approximately 103 kDa (predicted molecular weight: 103 kDa).
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
Flow Cyt		1/200. <a href="#">ab172730</a> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

**应用说明** Is unsuitable for IP.

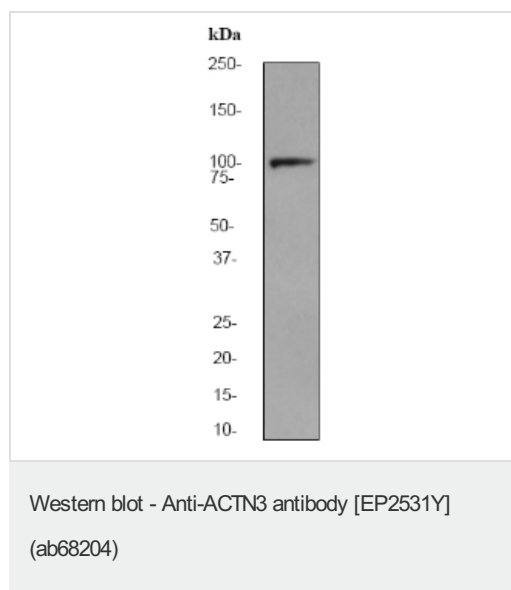
## 靶标

**功能** F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein.

**组织特异性** Expressed only in a subset of type 2 skeletal muscle fibers.

**序列相似性** Belongs to the alpha-actinin family.  
Contains 1 actin-binding domain.  
Contains 2 CH (calponin-homology) domains.  
Contains 2 EF-hand domains.  
Contains 4 spectrin repeats.

## 图片



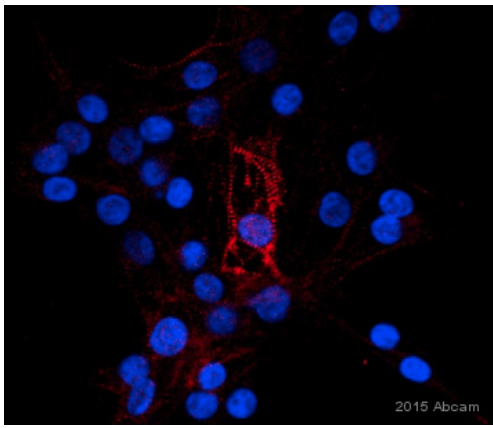
Anti-ACTN3 antibody [EP2531Y] (ab68204) at 1/10000 dilution + human skeletal muscle lysate at 10 µg

### Secondary

HRP labelled goat anti-rabbit at 1/2000 dilution

**Predicted band size:** 103 kDa

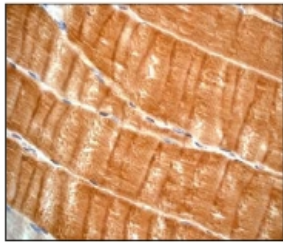
**Observed band size:** 103 kDa



Immunocytochemistry/ Immunofluorescence - Anti-ACTN3 antibody [EP2531Y] (ab68204)

This image is courtesy of an anonymous Abreview

ab68204 staining ACTN3 in human pluripotent stem cell derived cardiomyocyte by ICC/IF (Immunocytochemistry/immunofluorescence). Cells were fixed with paraformaldehyde, permeabilized with saponin and blocked with 5% serum for 15 minutes at room temperature. Samples were incubated with primary antibody (1/100) for 16 hours at 4°C. An Alexa Fluor<sup>®</sup> 568-conjugated goat anti-rabbit IgG polyclonal (1/1000) was used as the secondary antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ACTN3 antibody [EP2531Y] (ab68204)

Immunohistochemical analysis of paraffin-embedded human muscle tissue using ab68204 at 1/100-1/250 dilution.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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