

# FITC Anti-beta Actin antibody [AC-15] ab6277

★★★★★ [2 Abreviews](#) [21 References](#) [3 图像](#)

### 概述

产品名称	FITC荧光Anti-beta Actin抗体[AC-15]
描述	FITC荧光小鼠单克隆抗体[AC-15] to beta Actin
宿主	Mouse
偶联物	FITC. Ex: 493nm, Em: 528nm
经测试应用	<b>适用于:</b> ICC/IF
种属反应性	<b>与反应:</b> Rat, Chicken
免疫原	Synthetic peptide corresponding to Xenopus laevis beta Actin aa 1-100 conjugated to keyhole limpet haemocyanin. Database link: <a href="#">P60709</a>

 [Run BLAST with](#)

 [Run BLAST with](#)

表位	The N-terminal of the beta isoform of actin
阳性对照	Cultured human or chicken fibroblasts. Molecular weight of beta actin is 42Kd.
常规说明	Immunofluorescence staining of chicken gizzard ultra-thin sections labels the dense bodies, longitudinal channels and membrane associated dense-plaque.  Useful for direct immunofluorescence labelling of the cytoskeleton in cultured cells  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

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	pH: 7.40 Preservative: 0.1% Sodium azide Constituents: 1% BSA, PBS

纯度	IgG fraction
纯化说明	Purified Immunoglobulin
Primary antibody说明	Useful for direct immunofluorescence labelling of the cytoskeleton in cultured cells
克隆	单克隆
克隆编号	AC-15
同种型	IgG1

## 应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab6277于以下的经测试应用

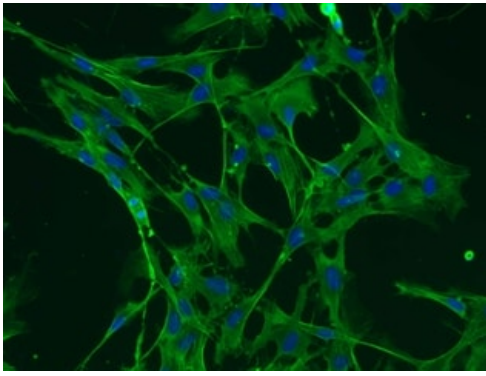
“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF	★★★★★ (1)	Use at an assay dependent concentration.

## 靶标

功能	Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.
疾病相关	Defects in ACTB are a cause of dystonia juvenile-onset (DYTJ) [MIM:607371]. DYTJ is a form of dystonia with juvenile onset. Dystonia is defined by the presence of sustained involuntary muscle contraction, often leading to abnormal postures. DYTJ patients manifest progressive, generalized, dopa-unresponsive dystonia, developmental malformations and sensory hearing loss.
序列相似性	Belongs to the actin family.
翻译后修饰	ISGylated.
细胞定位	Cytoplasm > cytoskeleton. Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

## 图片



Immunocytochemistry/ Immunofluorescence - FITC  
Anti-beta Actin antibody [AC-15] (ab6277)

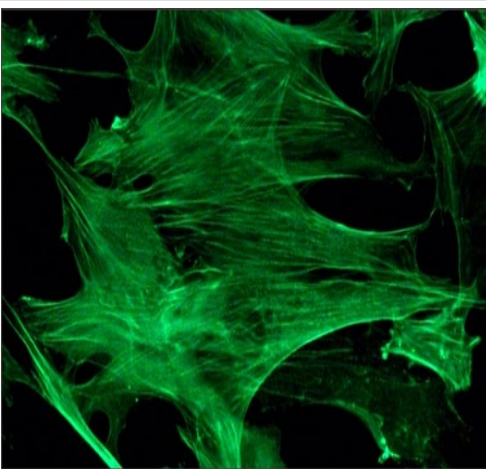
ab6277 at 1/100 dilution staining beta Actin in rat brain endothelial cells by Immunofluorescence.

30 min blocking with TBS-T / 5% BSA

1 hr incubation with ab6277 (TBS-T / 5% BSA)

1 minute nuclear counterstaining with DAPI

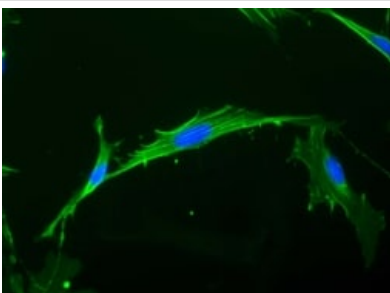
Magnification x20



Immunocytochemistry/ Immunofluorescence - FITC  
Anti-beta Actin antibody [AC-15] (ab6277)

Immunocytochemistry/ Immunofluorescence analysis of chicken fibroblast cells labeling beta Actin with ab6277 at 1/300 dilution.

The cells were fixed and permeabilized with cold methanol followed by cold acetone. Fixed cells were stained with 1/300 Anti-beta Actin antibody [AC-15] (FITC) (ab6277).



Immunocytochemistry/ Immunofluorescence - FITC  
Anti-beta Actin antibody [AC-15] (ab6277)

ab6277 at 1/100 dilution staining beta Actin in rat brain endothelial cells by Immunofluorescence.

30 min blocking with TBS-T / 5% BSA

1 hr incubation with ab6277 (TBS-T / 5% BSA)

1 minute nuclear counterstaining with DAPI

Magnification x40 no deconvolution.

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

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