

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

★★★★★ [2 Abreviews](#) [21 References](#) [画像数 3](#)

製品の概要

製品名	FITC Anti-beta Actin antibody [AC-15]
製品の詳細	FITC Mouse monoclonal [AC-15] to beta Actin
由来種	Mouse
標識	FITC. Ex: 493nm, Em: 528nm
アプリケーション	適用あり: ICC/IF
種交差性	交差種: Rat, Chicken
免疫原	Synthetic peptide corresponding to Xenopus laevis beta Actin aa 1-100 conjugated to keyhole limpet haemocyanin. Database link: P60709

 [Run BLAST with](#)

 [Run BLAST with](#)

エピトープ	The N-terminal of the beta isoform of actin
ポジティブ・コントロール	Cultured human or chicken fibroblasts. Molecular weight of beta actin is 42Kd.
特記事項	<p>Immunofluorescence staining of chicken gizzard ultra-thin sections labels the dense bodies, longitudinal channels and membrane associated dense-plaque.</p> <p>Useful for direct immunofluorescence labelling of the cytoskeleton in cultured cells</p> <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&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	pH: 7.40 Preservative: 0.1% Sodium azide Constituents: 1% BSA, PBS

精製度	IgG fraction
特記事項(精製)	Purified Immunoglobulin
一次抗体備考	Useful for direct immunofluorescence labelling of the cytoskeleton in cultured cells
ポリ/モノ	モノクローナル
クローン名	AC-15
アイソタイプ	IgG1

アプリケーション

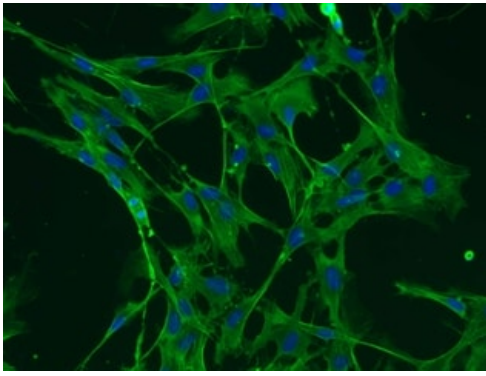
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab6277の使用に適用されます**
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF	★★★★★ (1)	Use at an assay dependent concentration.

ターゲット情報

機能	Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.
関連疾患	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.
配列類似性	Belongs to the actin family.
翻訳後修飾	ISGylated.
細胞内局在	Cytoplasm > cytoskeleton. Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

画像



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

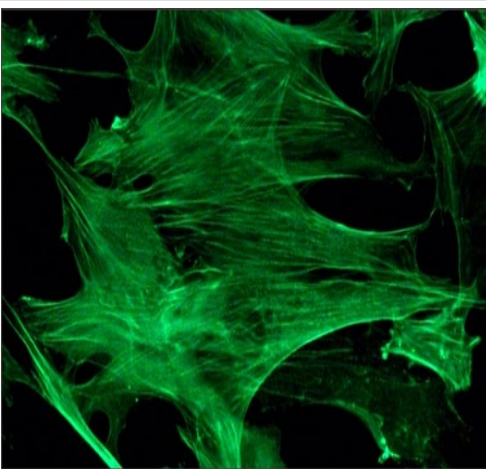
ab6277 at 1/100 dilution staining beta Actin in rat brain endothelial cells by Immunofluorescence.

30 min blocking with TBS-T / 5% BSA

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

1 minute nuclear counterstaining with DAPI

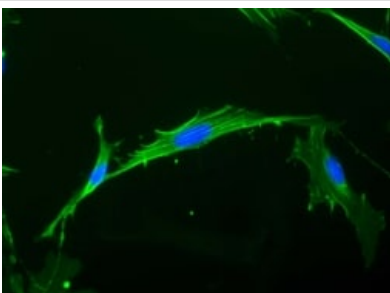
Magnification x20



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.

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