




Anti-gamma Actin antibody [2A3] ab123034

★★★★★ [4 Abreviews](#) [16 References](#) [画像数 4](#)

製品の概要

製品名	Anti-gamma Actin antibody [2A3]
製品の詳細	Mouse monoclonal [2A3] to gamma Actin
由来種	Mouse
特異性	<p>This antibody does not cross react with other actin isoforms. The epitope recognized by ab123034 is highly conserved and the antibody is therefore expected to react with many other species.</p> <p>This antibody is highly specific for gamma-cytoplasmic actin (γ-actin 1; encoded by ACTG1). It does not cross-react with the gamma-actin isoform expressed in the enteric smooth muscle tissues (γ-actin 2; encoded by ACTG2).</p>
アプリケーション	適用あり: ELISA, IHC-Fr, WB, Flow Cyt, IHC-P, IHC-P, ICC/IF
種交差性	<p>交差種: Mouse, Rat, Rabbit, Chicken, Human, Pig, Zebrafish</p> <p>交差が予測される動物種: a wide range of other species </p>
免疫原	<p>Synthetic peptide (Ac- EEEIAALVI -COOH) with an acetylated N-terminus and conjugated to KLH by a Cysteine residue linker, corresponding to N terminal amino acids 2-10 of Human gamma Actin</p> <p> Run BLAST with  Run BLAST with</p>
ポジティブ・コントロール	ICC/IF: Human dermal fibroblast cells. IHC-P: Human small intestine and heart tissue.
特記事項	<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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: 0.09% Sodium azide

	Constituent: 99% PBS
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	2A3
ミエローマ	NS0
アイソタイプ	IgG2b

アプリケーション

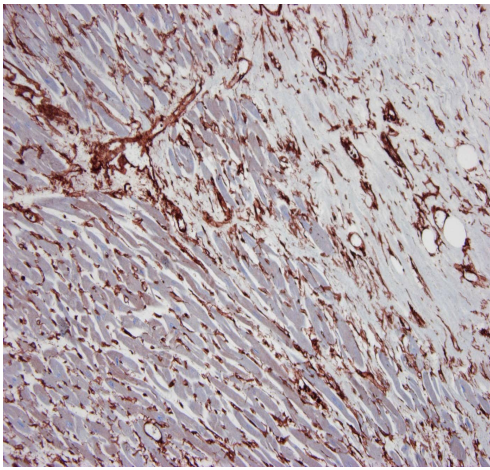
The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab123034の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
ELISA		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
WB	★★★★★ (2)	Use at an assay dependent concentration. Predicted molecular weight: 42 kDa.
Flow Cyt		Use at an assay dependent concentration. ab170192 - Mouse monoclonal IgG2b, is suitable for use as an isotype control with this antibody.
IHC-P	★★★★★ (2)	1/100 - 1/500.
IHC-P		Use at an assay dependent concentration.
ICC/IF		1/500.

ターゲット情報

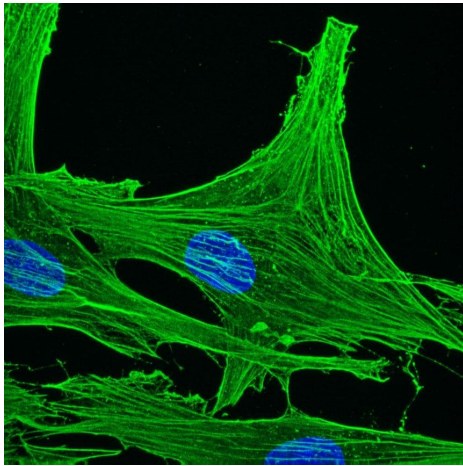
機能	Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.
関連疾患	Defects in ACTG1 are the cause of deafness autosomal dominant type 20 (DFNA20) [MIM:604717]; also called autosomal dominant deafness type 26 (DFNA26). DFNA20 is a form of sensorineural hearing loss. Sensorineural deafness results from damage to the neural receptors of the inner ear, the nerve pathways to the brain, or the area of the brain that receives sound information.
配列類似性	Belongs to the actin family.
翻訳後修飾	The methylhistidine determined by Bienvenut et al is assumed to be the tele-methylhistidine isomer by similarity to the mouse ortholog.
細胞内局在	Cytoplasm > cytoskeleton.

画像



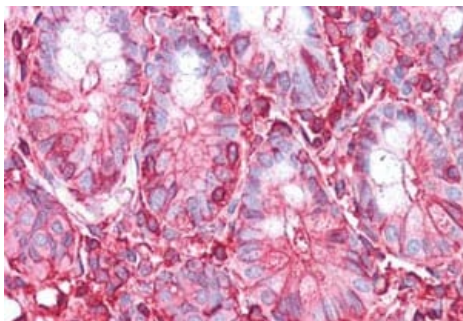
Immunohistochemical analysis of paraffin embedded human heart tissue immunostained for gamma cytoplasmic actin using ab123034 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-gamma Actin antibody [2A3] (ab123034)



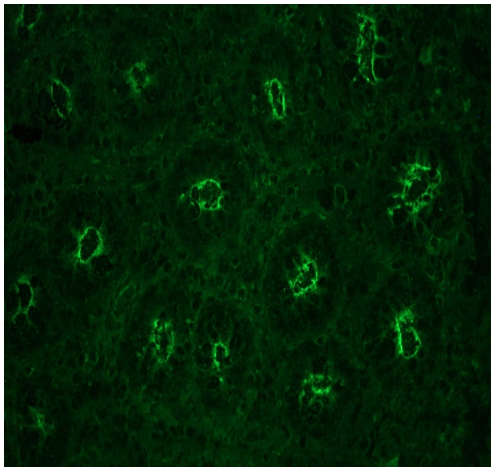
Human dermal fibroblasts stained for gamma Actin (green) using ab123034 at 1/500 dilution in ICC/IF.

Immunocytochemistry/ Immunofluorescence - Anti-gamma Actin antibody [2A3] (ab123034)



Immunohistochemical analysis of paraffin embedded Human small intestine tissue labelled with Anti-gamma Actin antibody [2A3] at 5 µg/ml

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-gamma Actin antibody [2A3] (ab123034)



ab123034 (1:1000 dilution) staining gamma Actin in the epithelial villi and smooth muscle cells in swine colon.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-gamma Actin antibody [2A3] (ab123034)

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