

Anti-CTGF antibody ab5097

★★★★★ **9 Abreviews** **21 References** 画像数 3

製品の概要

製品名	Anti-CTGF antibody
製品の詳細	Rabbit polyclonal to CTGF
由来種	Rabbit
特異性	This antibody detects recombinant human CTGF by Western Blotting. The band can be blocked by the immunising peptide (ab13741). We have been unable to detect endogenous protein in WB with ab5097.
アプリケーション	適用あり: ICC, IHC-Fr, WB, IHC-P, ICC/IF
種交差性	交差種: Rat, Human, Pig, Recombinant fragment
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: PBS</p> <p>Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.</p>
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル

アプリケーション

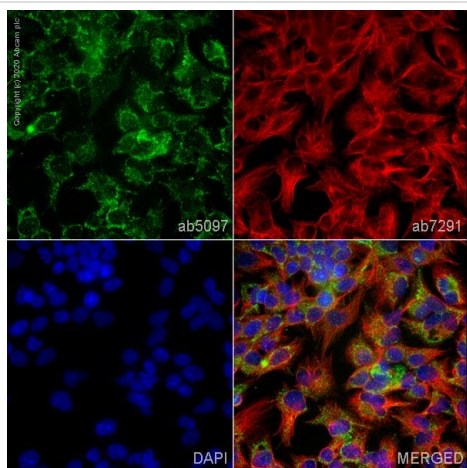
The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab5097の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC		Use a concentration of 1 µg/ml.
IHC-Fr	★★★★★ (2)	Use at an assay dependent concentration.
WB		1/500. Predicted molecular weight: 38 kDa. This application has only been tested on recombinant protein.
IHC-P	★★★★★ (6)	Use at an assay dependent concentration. PubMed: 17028989
ICC/IF	★★★★★ (1)	Use at an assay dependent concentration.

ターゲット情報

機能	Major connective tissue mitottractant secreted by vascular endothelial cells. Promotes proliferation and differentiation of chondrocytes. Mediates heparin- and divalent cation-dependent cell adhesion in many cell types including fibroblasts, myofibroblasts, endothelial and epithelial cells. Enhances fibroblast growth factor-induced DNA synthesis.
組織特異性	Expressed in bone marrow and thymic cells. Also expressed one of two Wilms tumors tested.
配列類似性	Belongs to the CCN family. Contains 1 CTCK (C-terminal cystine knot-like) domain. Contains 1 IGFBP N-terminal domain. Contains 1 TSP type-1 domain. Contains 1 VWFC domain.
細胞内局在	Secreted > extracellular space > extracellular matrix. Secreted.

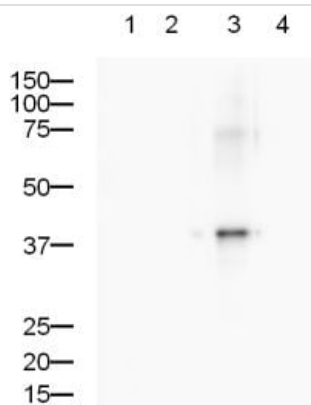
画像



Immunocytochemistry - Anti-CTGF antibody
(ab5097)

ab5097 staining CTGF in HepG2 cells. The cells were fixed with 100% methanol (5 min), permeabilized with 0.1% PBS-Triton X-100 for 5 minutes and then blocked with 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween for 1h. The cells were then incubated overnight at 4°C with ab5097 at 1µg/ml and **ab7291**, Mouse monoclonal [DM1A] to alpha Tubulin - Loading Control. Cells were then incubated with **ab150081**, Goat polyclonal Secondary Antibody to Rabbit IgG - H&L (Alexa Fluor® 488), pre-adsorbed at 1/1000 dilution (shown in green) and **ab150120**, Goat polyclonal Secondary Antibody to Mouse IgG - H&L (Alexa Fluor® 594), pre-adsorbed at 1/1000 dilution (shown in pseudocolour red). Nuclear DNA was labelled with DAPI (shown in blue).

Image was acquired with a high-content analyser (Operetta CLS, Perkin Elmer) and a maximum intensity projection of confocal sections is shown.

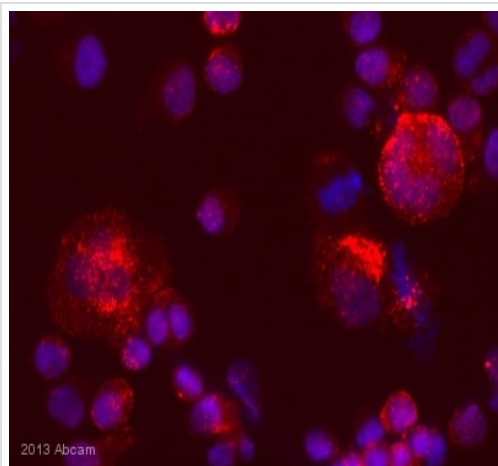


Western blot - Anti-CTGF antibody (ab5097)

Western blot, on recombinant Human CTGF produced in E. coli, using ab5097 at 1/500.

Not yet tested against endogenous CTGF

Secondary antibody - **anti-rabbit HRP (ab6721)**



Immunocytochemistry - Anti-CTGF antibody

(ab5097)

This image is courtesy of an Abreview submitted by Beate Thode

ab5097 staining CTGF in Human HeLa, cervix cancer cells by ICC/IF (Immunocytochemistry/immunofluorescence). Cells were fixed with paraformaldehyde, permeabilized with 0.2% Triton X-100 in PBS and blocked with 1% normal goat serum for 30 minutes. Samples were incubated with primary antibody (1/750) for 4 hours at 20°C. A Cy3®-conjugated Goat anti-rabbit polyclonal was used as the secondary antibody (1/800).

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