

Anti-CTGF antibody ab5097

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

概述

产品名称	Anti-CTGF 抗体
描述	兔多克隆抗体 to CTGF
宿主	Rabbit
特异性	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.
经测试应用	适用于: ICC, IHC-Fr, WB, IHC-P, ICC/IF
种属反应性	与反应: Rat, Human, Pig, Recombinant fragment
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
常规说明	<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>

性能

形式	Liquid
存放说明	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.
存储溶液	<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>
纯度	Immunogen affinity purified
克隆	多克隆

同种型

IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab5097于以下的经测试应用

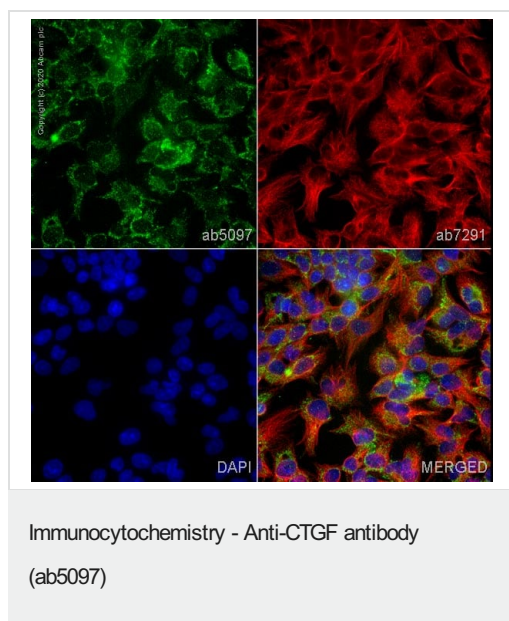
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC		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.

靶标

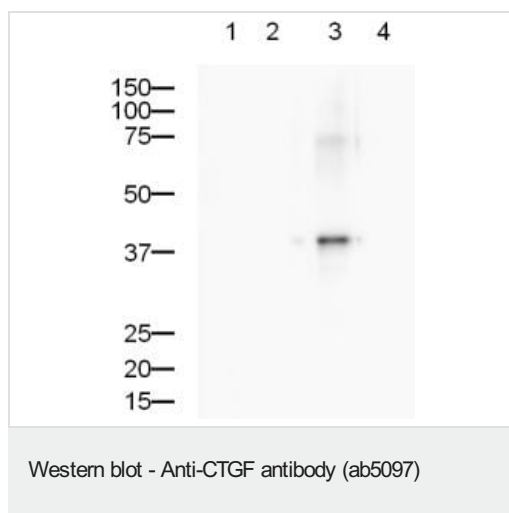
功能	Major connective tissue mit attractant secreted by vascular endothelial cells. Promotes proliferation and differentiation of chondrocytes. Mediates heparin- and divalent cation-dependent cell adhesion in many cell types including fibroblasts, myofibroblasts, endothelial and epithelial cells. Enhances fibroblast growth factor-induced DNA synthesis.
组织特异性	Expressed in bone marrow and thymic cells. Also expressed one of two Wilms tumors tested.
序列相似性	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.
细胞定位	Secreted > extracellular space > extracellular matrix. Secreted.

图片



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).

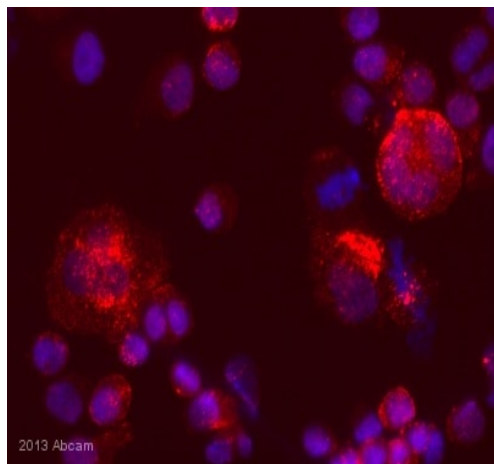
Image was acquired with a high-content analyser (Operetta CLS, Perkin Elmer) and a maximum intensity projection of confocal sections is shown.



Western blot, 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).

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors