


### Anti-CTGF antibody ab6992

★★★★★ [28 Abreviews](#) [299 References](#)

#### Overview

<b>Product name</b>	Anti-CTGF antibody
<b>Description</b>	Rabbit polyclonal to CTGF
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, ICC/IF, IHC-FoFr, WB, IHC-Fr, IP
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Sheep, Human <b>Predicted to work with:</b> Cow 
<b>Immunogen</b>	Recombinant fragment corresponding to Mouse CTGF aa 223-348. Database link: <a href="#">P29268</a> (Peptide available as <a href="#">ab7861</a> )
<b>Positive control</b>	human hippocampal protein extracts (see Ueberham et al paper).
<b>General notes</b>	<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&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	pH: 6.50 Preservative: 0.1% Sodium azide Constituent: PBS
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab6992 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P	★★★★★ (11)	Use at an assay dependent concentration.
ICC/IF	★★★★★ (4)	Use at an assay dependent concentration.
IHC-FoFr	★★★★★ (1)	Use at an assay dependent concentration.
WB	★★★★★ (10)	Use at an assay dependent concentration. Predicted molecular weight: 38 kDa. Block membrane in 4% BSA in Tris-buffered saline containing 0.05% Tween 20 (TBST). See Fu M et al.
IHC-Fr	★★★★★ (2)	Use at an assay dependent concentration. See Ueberham et al.
IP		Use at an assay dependent concentration. PubMed: 16100286

## Target

### Function

Major connective tissue mitogen 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.

### Tissue specificity

Expressed in bone marrow and thymic cells. Also expressed one of two Wilms tumors tested.

### Sequence similarities

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.

### Cellular localization

Secreted > extracellular space > extracellular matrix. Secreted.

**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
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- 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.com/abpromise> or contact our technical team.

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