

## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB11760 - Goat Anti-CTGF Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CCN family member 2, CCN2, connective tissue growth factor, CTGF, HCS24, hypertrophic chondrocyte-specific protein 24, IBP-8, IGF-binding protein 8, IGFBP8, IGFBP-8, insulin-like growth factor-binding protein 8, MGC102839, OTTHUMP00000017213, NOV2

**Official Symbol:** CCN2

**Accession Number(s):** NP\_001892.1

**Human GeneID(s):** [1490](#)

**Non-Human GeneID(s):** 14219 (mouse), 64032 (rat)

**Important Comments:** Immunizing peptide overlaps disulphide bond

### Immunogen

Peptide with sequence TLPVEFKCPDGE, from the internal region (near C Terminus) of the protein sequence according to NP\_001892.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:16000.

**IHC:** Paraffin embedded Rat Liver. Recommended concentration: 6-8µg/ml.

**Immunofluorescence:** Strong expression of the protein seen in the cytoplasm/membrane of NIH3T3 and HepG2 cells. Recommended concentration: 10µg/ml.

### Species Reactivity

**Tested:** Human, Mouse, Rat

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig, Cow

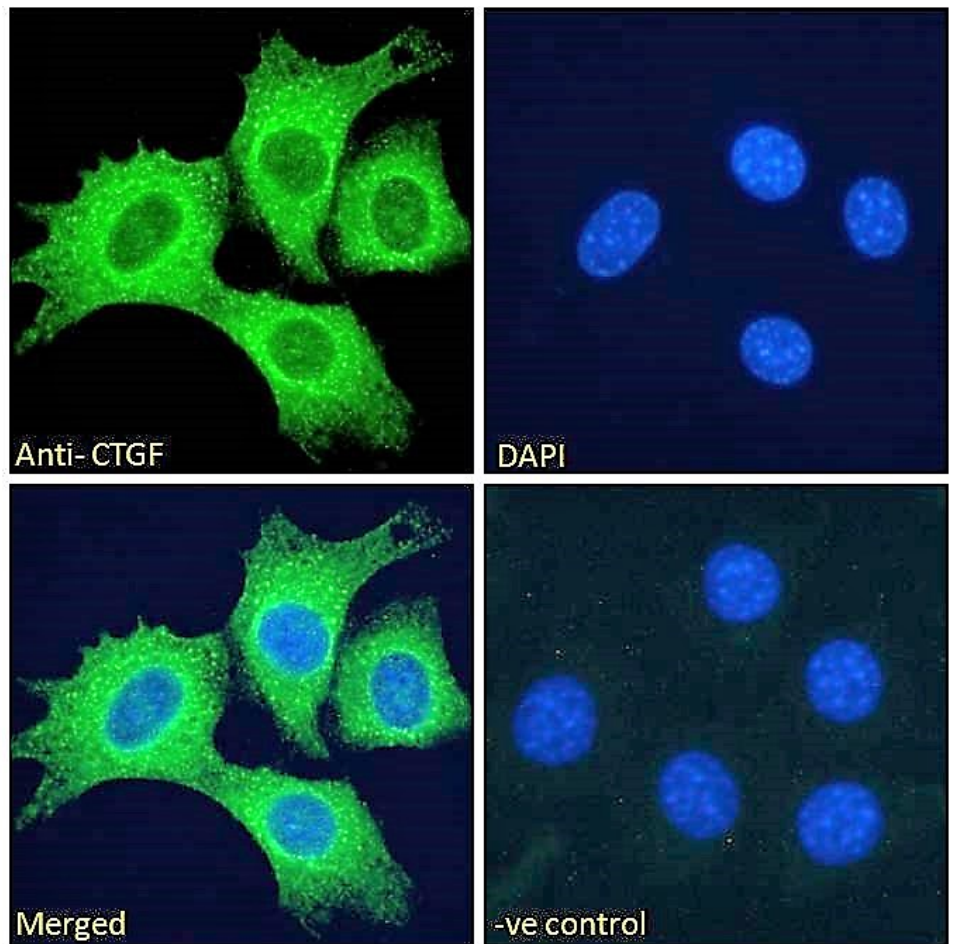
### Specific Reference

**This antibody has been successfully used in IF on Mouse:**

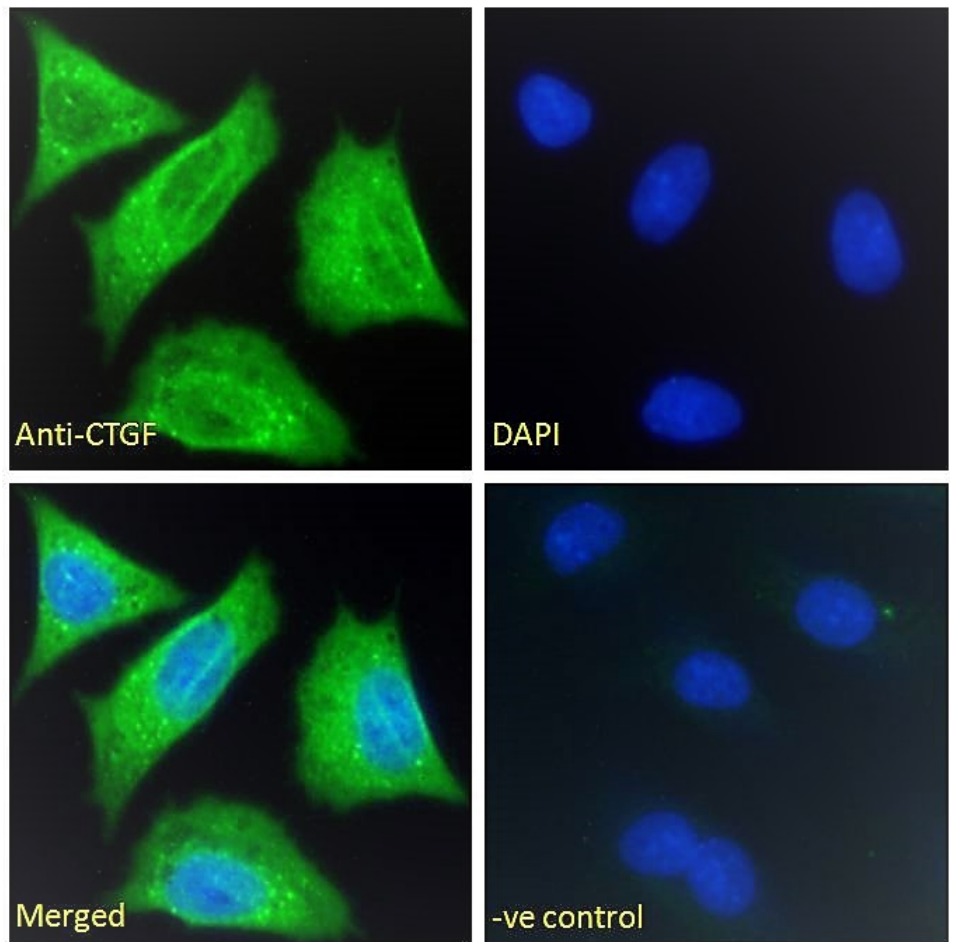
Felipe Paredes, Holly C Williams, Izabela Suster, Macarena Tejos, Roberto Fuentealba, Bethany Bogan, Claire M Holden, Alejandra San Martin  
Metabolic regulation of the proteasome under hypoxia by Poldip2 controls fibrotic signaling in vascular smooth muscle cells.

Free Radic Biol Med. 2023 Feb 1:195:283-297.

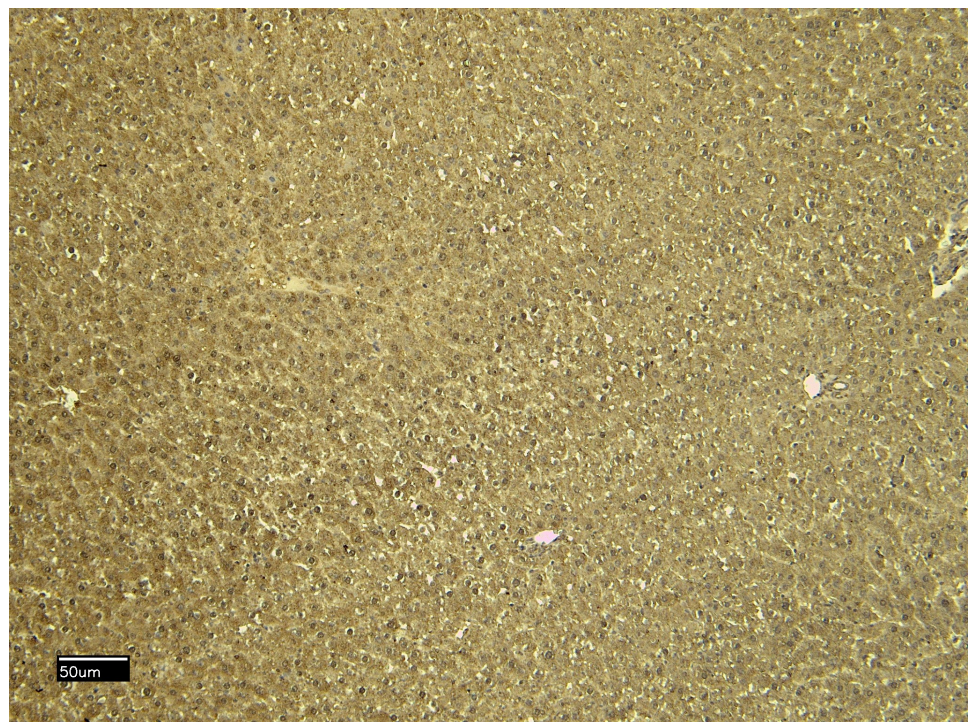
PMID: 36596387



EB11760 Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic/membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

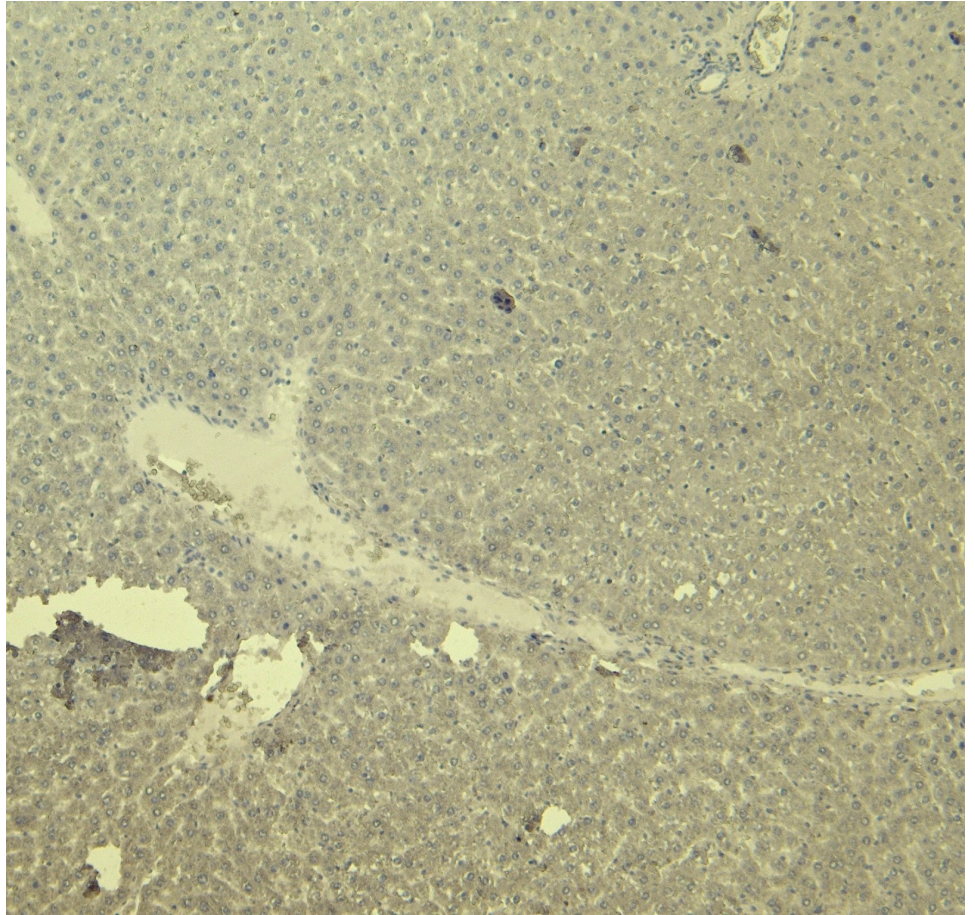


EB11760 Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic/membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB11760 (6µg/ml) staining of paraffin embedded Rat Liver. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.





EB11760 Negative Control showing staining of paraffin embedded Rat Liver, with no primary antibody.