

Product datasheet

Human CTGF Antibody Pair - BSA and Azide free ab270348

Recombinant RabMAb

[2 Images](#)

Overview

Product name Human CTGF Antibody Pair - BSA and Azide free

Assay type ELISA set

Range 46.88 ng/ml - 3000 ng/ml

Species reactivity **Reacts with:** Human

Product overview The Antibody Pair can be used to quantify Human CTGF. BSA and Azide free antibody pairs include unconjugated capture and detector antibodies suitable for sandwich ELISAs. The antibodies are provided at an approximate concentration of 1 mg/ml as measured by the protein A280 method. The recommended antibody orientation is based on internal optimization for ELISA-based assays. Antibody orientation is assay dependent and needs to be optimized for each assay type. Both capture and detector antibodies are rabbit monoclonal antibodies delivering consistent, specific, and sensitive results.

For additional information on the performance of the antibody pair, see the equivalent SimpleStep ELISA® Kit ([ab261851](#)), which uses the same antibodies. However, due to differences in their formulation, this antibody pair cannot be used with the consumables provided with our SimpleStep ELISA Kits. Please note that the range provided for the pairs is only an estimation based on the performance of the related product using the same antibody pair. Performance of the antibody pair will depend on the specific characteristics of your assay. We guarantee the product works in sandwich ELISA, but we do not guarantee the sensitivity or dynamic range of the antibody pair in your assay.

Download SDS [here](#).

Tested applications **Suitable for:** Sandwich ELISA

Platform Reagents

Properties

Storage instructions Store at +4°C. Please refer to protocols.

Carrier free Yes

Components	10 x 96 tests
Human CTGF Capture Antibody (unconjugated)	1 x 100µg
Human CTGF Detector Antibody (unconjugated)	1 x 100µg

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.

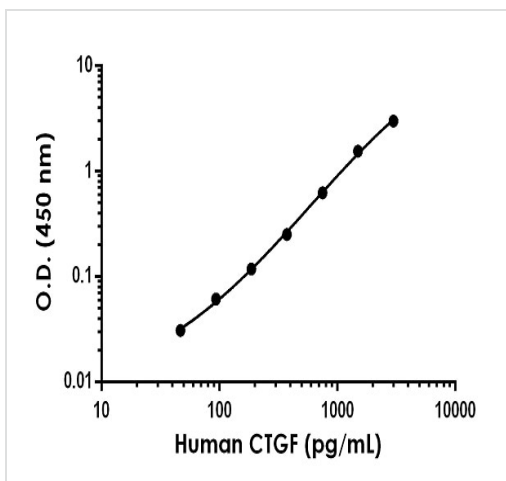
Cellular localization Secreted > extracellular space > extracellular matrix. Secreted.

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab270348 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
Sandwich ELISA		Use at an assay dependent concentration.

Images



Representative standard curve from corresponding SimpleStep ELISA® Kit ([ab261851](#)), which uses the same antibody pair. For additional information on the performance of pair and kit, refer to the corresponding kit datasheet. Due to differences in the formulation and format of the antibodies in this pair, they cannot be used as substitutes for the antibody components in our SimpleStep ELISA® Kits.

Sandwich ELISA - Human CTGF Antibody Pair - BSA and Azide free (ab270348)

Powered by
recombinant antibodies



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Sandwich ELISA - Human CTGF Antibody Pair -
BSA and Azide free (ab270348)

To learn more about the advantages of recombinant antibodies see [here](#).

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

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