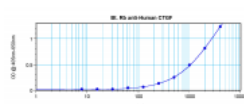
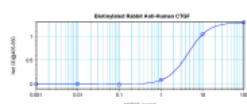




CTGF Antibody (biotin)

CATALOG NUMBER: 38-105



To detect hCTGF by direct ELISA (using 100 μ l/well antibody solution) a concentration of 0.25 – 1.0 μ g/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2 – 0.4 ng/well of recombinant hCTGF.

To detect hCTGF by sandwich ELISA (using 100 μ l/well antibody solution) a concentration of 0.25 – 1.0 μ g/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with ProSci's Polyclonal Anti-Human CTGF (38-101) as a capture antibody, allows the detection of at least 0.2 – 0.4 ng/well of recombinant hCTGF.

Specifications

SPECIES REACTIVITY: Human

TESTED APPLICATIONS: ELISA, WB

APPLICATIONS: ELISA:

Direct: To detect hCTGF by direct ELISA (using 100 μ L/well antibody solution) a concentration of 0.25 - 1.0 μ g/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hCTGF.

Sandwich:

To detect hCTGF by sandwich ELISA (using 100 μ L/well antibody solution) a concentration of 0.25 - 1.0 μ g/mL of this antibody is required.

Western Blot:

To detect hCTGF by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 μ g/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hCTGF is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

USER NOTE: Centrifuge vial prior to opening.

IMMUNOGEN: Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hCTGF. Human CTGF specific antibody was purified by affinity chromatography and then biotinylated.

HOST SPECIES: Rabbit

Properties

PURIFICATION: CTGF antibody was purified by affinity chromatography and then biotinylated.

PHYSICAL STATE: Lyophilized

STORAGE CONDITIONS:	CTGF antibody is stable for at least 2 years from date of receipt at -20°C. The reconstituted antibody is stable for at least two weeks at 2-8°C. Frozen aliquots are stable for at least 6 months when stored at -20°C. Avoid repeated freeze-thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Biotin

Additional Info

ALTERNATE NAMES:	CCN2, NOV2, HCS24, IGFBP8, CCN2, Connective tissue growth factor, CCN family member 2, IBP-8
ACCESSION NO.:	P29279
PROTEIN GI NO.:	116241320
OFFICIAL SYMBOL:	CTGF
GENE ID:	1490

Background

BACKGROUND:	CTGF (connective tissue growth factor) is a 38kDa, cysteine-rich, secreted peptide. It is a new member of the peptide family that include serum-induced immediate early gene products, a v-src-induced peptide and a putative proto-oncogene. Among the many functions of the CTGF gene family are embryogenesis, wound healing and regulation of extracellular matrix production.
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FOR RESEARCH USE ONLY

December 13, 2016