

CTGF Antibody

Catalog No.: 38-105

Host: Rabbit
Clonality: Polyclonal
Conjugate: Biotin
Species Reactivity: Human
Details: Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hCTGF. Anti-Human CTGF specific antibody was purified by affinity chromatography and then biotinylated.
Purification: CTGF antibody was purified by affinity chromatography and then biotinylated.
Preparation: Lyophilized from sterile-filtered PBS solution.

Tested Applications: E, WB

Application Details: ELISA: Direct: To detect hCTGF by direct ELISA (using 100 µl/well antibody solution) a concentration of 0.25 – 1.0 µg/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 µl/well antibody solution) a concentration of 0.25 – 1.0 µg/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 µg/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.

Storage: CTGF lyophilized antibody is stable for at least 6 months when kept at -20°C. The biotinylated antibody should be reconstituted to a concentration of 50 µg/ml with sterile PBS solution containing 0.1% BSA. This solution can be stored at 4°C for at least one month without detectable loss of activity. Frozen aliquots of this solution are stable for at least 6 months when kept at -20°C. Avoid more than one freeze-thaw cycle.

Note: During shipment, small volumes of the antibody will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap. Optimal dilutions/concentrations should be determined by the end user. The information provided is a guideline for product use. **This product is for research use only.**