



AVISCERA BIOSCIENCE

Anti-Human Connective Tissue Growth Factor (CTGF) IgG Biotinylated

Product Information

Code	A00726-06-50B
Name	Goat Anti CTGF IgG Biotinylated
Clone No.	Polyclonal
Lot No.	
Size	50 µg
Species	Human
Host	Goat
Immunogen	CTGF (H), rec.
Ab Type	IgG
Purification	Protein A
Formulation	PBS lyophilized Form without Preservatives
Carry	Free
Storage	-20 ° C
Specificity	H, R, M
Reconstitution	PBS, 100 µl
Application	IHC WB ELISA

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Preparation

This antibody was produced from a goat immunized with purified recombinant human Connective Tissue Growth Factor (CTGF). That antibody was purified by Protein A and conjugated with water soluble biotin.

Formulation

50 µg of Goat Anti-human CTGF Purified IgG biotinylated in PBS without preservatives was lyophilized.

Reconstitution

Add 100 µl of PBS to the vial to prepare antibody stock solution at 500 µg/100 mL. Store reconstituted antibody at 2 to 8 ° C for up a few weeks. This antibody can also be aliquotted (by 10 µL per vial) and stored frozen at -20° C to -70° C in a **manual defrost freezer** for up six months without detectable loss of activity.

Storage

Lyophilized antibody can be stored at 2 ~8 ° C for a few weeks or at -20 ° C for six months. **Avoid repeated freeze-thaw cycles.**

Specificity

This antibody has been selected for its ability to recognize human CTGF on indirect ELISAs and western blots as well as immunohistochemistry.

Applications

Indirect ELISA - This antibody can be used at 0.2 µg/ml with the appropriate secondary reagents to detect human CTGF.

Western blot - This antibody can be used at 2-4 µg/mL with the appropriate secondary reagents to detect CTGF in rat lung tissue at 35 KDa. The detection limit for rh CTGF approximately 15 ng/lane under reducing conditions.

Immunohistochemistry-That Antibody can be used at 2-4 µg/ml with the appropriate secondary antibody to detect CTGF in the paraffin embedded human heart tissues ,mouse and rat lung tissues (ABC).

Optimal dilutions should be determined by each laboratory for each application.