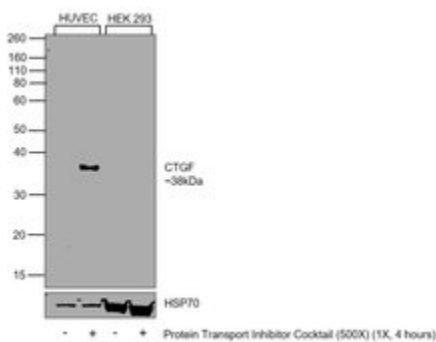


# CTGF Monoclonal Antibody (OTI6D1)

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Mouse / IgG2b
Class	Monoclonal
Type	Antibody
Clone	OTI6D1
Conjugate	Unconjugated
Immunogen	Human recombinant protein fragment corresponding to amino acids 27-349 of CTGF produced in E.coli
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity Chromatography
Storage buffer	PBS, pH 7.3, with 1% BSA, 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2723025

Applications	Tested Dilution	Publications
Western Blot (WB)	1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:150	-

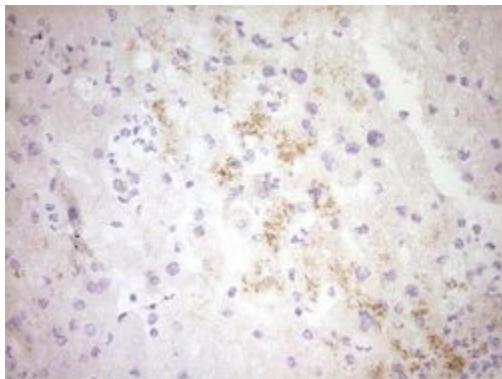
## Advanced Verification Data



### CTGF Antibody (MA5-26817)

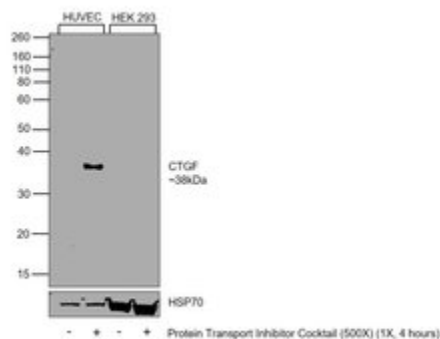
Antibody specificity was demonstrated by detection of differential basal expression of the target across the tested cell lines owing to their inherent genetic constitution. Relative expression of Connective tissue growth factor was observed in HUVEC upon PTI treatment, but not in HEK 293 upon PTI treatment using Anti-CTGF Monoclonal Antibody (OTI6D1) (Product # MA5-26817) in Western Blot. Relative expression validation info.

## Product Images For CTGF Monoclonal Antibody (OTI6D1)



### CTGF Antibody (MA5-26817) in IHC (P)

Immunohistochemistry was performed on paraffin-embedded human liver tissue. To expose target proteins, 1 mM EDTA in 10mM Tris, pH8.5, 120°C for 3min was used. Following antigen retrieval, tissues were probed with a CTGF monoclonal antibody (Product # MA5-26817).



### CTGF Antibody (MA5-26817) in WB

Western Blot was performed using Anti-CTGF Monoclonal Antibody (OTI6D1) (Product # MA5-26817) and a 38 kDa band corresponding to Connective tissue growth factor was observed across in HUVEC upon PTI treatment, but not in HEK 293 upon PTI treatment. Whole cell extracts (30 µg lysate) of HUVEC (Lane 1), HUVEC (Protein Transport Inhibitor Cocktail (500X), 1X, 4 hours)(Lane 2), HEK-293 (Lane 3), HEK-293 (Protein Transport Inhibitor Cocktail (500X), 1X, 4 hours)(Lane 4) were electrophoresed using NuPAGE™ 10% Bis-Tris Protein Gel (Product # NP0302BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The Blot was probed with the primary antibody (1:2000 dilution) and detected by chemiluminescence with Goat anti-Mouse IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177, 1:4000) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using SuperSignal™ West Dura Extended Duration Substrate (Product # 34076).

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