

## ARG57496 anti-CTGF antibody [18E7]

Package: 50 µl  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [18E7] recognizes CTGF
Tested Reactivity	Hu
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Clone	18E7
Isotype	IgG2a, kappa
Target Name	CTGF
Species	Human
Immunogen	Recombinant Human CTGF (aa. 27-349) purified from E. coli.
Conjugation	Un-conjugated
Alternate Names	Insulin-like growth factor-binding protein 8; IGFBP-8; CCN2; IBP-8; HCS24; Connective tissue growth factor; IGF-binding protein 8; CCN family member 2; IGFBP8; Hypertrophic chondrocyte-specific protein 24; NOV2

### Application Instructions

Application table	Application	Dilution
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

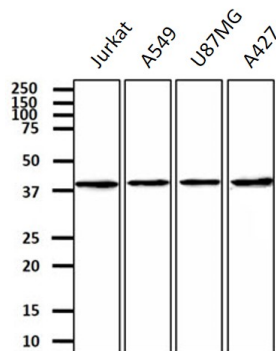
### Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CTGF
Gene Full Name	connective tissue growth factor
Background	The protein encoded by this gene is a mitogen that is secreted by vascular endothelial cells. The encoded protein plays a role in chondrocyte proliferation and differentiation, cell adhesion in many cell types, and is related to platelet-derived growth factor. Certain polymorphisms in this gene have been linked with a higher incidence of systemic sclerosis. [provided by RefSeq, Nov 2009]
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. [UniProt]
Calculated Mw	38 kDa

Images



ARG57496 anti-CTGF antibody [18E7] WB image

Western blot: 40 µg of Jurkat, A549, U87MG and A427 cell lysates stained with ARG57496 anti-CTGF antibody [18E7] at 1:1000 dilution.