

**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.	

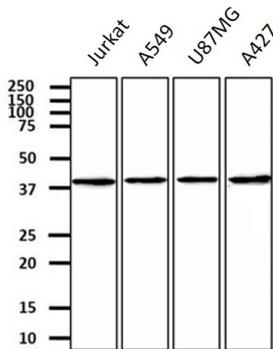
### Properties

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.