



# CTGF Monoclonal Antibody

<b>Catalog No</b>	BYmab-10857
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse; Rat
<b>Applications</b>	WB
<b>Gene Name</b>	CTGF CCN2 HCS24 IGFBP8
<b>Protein Name</b>	CTGF
<b>Immunogen</b>	Synthesized peptide derived from human CTGF AA range: 130-210
<b>Specificity</b>	This antibody detects endogenous levels of human CTGF
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	Connective tissue growth factor (CCN family member 2;Hypertrophic chondrocyte-specific protein 24;Insulin-like growth factor-binding protein 8;IBP-8;IGF-binding protein 8;IGFBP-8)
<b>Observed Band</b>	37kD
<b>Cell Pathway</b>	Secreted, extracellular space, extracellular matrix . Secreted .
<b>Tissue Specificity</b>	Expressed in bone marrow and thymic cells. Also expressed one of two Wilms tumors tested.
<b>Function</b>	function:Major connective tissue mitoa attractant 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.,similarity:Belongs to the CCN family.,similarity:Contains 1 CTCK (C-terminal cystine knot-like) domain.,similarity:Contains 1 IGFBP N-terminal domain.,similarity:Contains 1 TSP type-1 domain.,similarity:Contains 1 VWFC domain.,subunit:Monomer.,

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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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images