Mouse anti-Rat Connective Tissue Growth Factor (CTGF) Monoclonal Antibody | anti-CTGF antibody

Monoclonal Antibody to Connective Tissue Growth Factor (CTGF)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA151432	**Mouse**	**Rat**	**Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Connective Tissue Growth Factor (CTGF); Monoclonal Antibody; Monoclonal Antibody to Connective Tissue Growth Factor (CTGF); CTGF/Connective Tissue Growth Factor; CCN2; HCS24; IGFBP8; NOV2; InsulinLike Growth FactorBinding Protein 8; Hypertrophic ChondrocyteSpecific Protein 24; CCN Family Member 2; anti-CTGF antibody

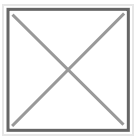
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Rat
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	A8
Specificity	The antibody is a mouse monoclonal antibody raised against CTGF. It has been selected for its ability to recognize CTGF in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CTGF antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Prokaryotic Recombinant proteins/RP
Sequence of Immunogen	Gln25~Ala347
Conjugation	Unconjugated
Preparation and Storage	Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

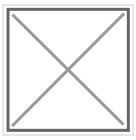
IMAGES

IHC (Immunohistochemistry)
DAB staining on IHCP;Sample: Rat Pancreas Tissue; Primary Ab: 30ug/ml Mouse AntiRat CTGF AntibodySecond Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody(Catalog: SAA544Mu19

IHC (Immunohistochemisry)
DAB staining on IHCP;Sample: Rat Spleen Tissue; Primary Ab: 30ug/ml Mouse AntiRat CTGF AntibodySecond Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody(Catalog: SAA544Mu19



IHC (Immunohiostchemistry)
DAB staining on IHCP;Sample: Rat Kidney Tissue; Primary Ab: 30ug/ml Mouse AntiRat CTGF AntibodySecond Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody(Catalog: SAA544Mu19



IHC (Immunohistochemistry)
DAB staining on IHCP; Sample: Rat Stomach Tissue; Primary Ab: 30ug/ml Mouse AntiRat CTGF Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19

ADDITIONAL INFORMATION

Product Categories/Family for anti-CTGF antibody	Cytokine; Primary

NCBI AND UNIPROT INFORMATION

NCBI GI #	11560085
NCBI GeneID	64032
NCBI Accession #	NP_071602.1
NCBI GenBank Nucleotide #	NM_022266.2
UniProt Accession #	Q9R1E9; Q53YJ0; Q9WVS1
Molecular Weight	37,756 Da
NCBI Official Full Name	connective tissue growth factor
NCBI Official Synonym Full Names	connective tissue growth factor
NCBI Official Symbol	Ctgf
NCBI Official Synonym Symbols	CTGRP
NCBI Protein Information	connective tissue growth factor; CCN family member 2; connective tissue growth-related protein
UniProt Protein Name	Connective tissue growth factor
UniProt Gene Name	**Ctgf**
UniProt Synonym Gene Names	Ccn2
UniProt Entry Name	CTGF_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/connective-tissue-growth-factor-ctgf-antibody-clone-a8-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/151432