Human CTGF/CCN2 Alexa Fluor® 488-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 965021

Catalog Number: FAB9190G

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CTGF/CCN2 in direct ELISAs and Western blots.
Source	Monoclonal Mouse IgG_1 Clone # 965021
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*E. coli*-derived recombinant human CTGF/CCN2 Ala101-Glu243 Accession # P29279
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

Western Blot	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

CTGF belongs to the CCN (CYR61/CTGF/NOV) family of secreted proteins that share a common multimodular organization. Each protein contains IGF-binding protein domain, a von Willebrand factor type C domain, a thrombospondin type I domain, and a cysteine knot domain. The multimodular CTGF has the ability to bind multiple ligands and has numerous effects on development, differentation, and disease. The C-terminal cysteine knot motif contains the heparin and low density lipoprotein receptor (LDLR) binding sites that contributes to the adhesive and mitogenic properties of CTGF.

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