

FUJIFILM**Wako**Code No. 016-27441 (10 μ L)
012-27443 (50 μ L)**Anti CTGF Module 3, Monoclonal Antibody (3-54)**
抗CTGF モジュール3, モノクローナル抗体(3-54)**Background**

CTGF (also known as CCN2) is approximately 36~38 kDa secreted protein that is produced by umbilical vein and vascular endothelial cell and involved in growth and differentiation of cartilage cell, intercellular adhesion. It is consisted of Module 1-4. Module 1 is called as IGF binding domain, Module 2 as VWC domain, Module 3 as TSP-1 domain, Module 4 as CT domain, and different factor binds each domains¹⁾²⁾.

This item is a mouse monoclonal antibody established by DNA immunization, specifically reacts with Module 3 of native form CTGF³⁾.

Description

[Reactivity]	Reacts with CTGF Module 3
[Antigen]	Human CTGF (native structure)
[Epitope]	CTGF Module 3
[Species cross reactivity]	Human, Mouse (other species are not tested)
[Clone No.]	3-54
[Host]	Mouse
[Isotope]	IgG1
[Purification]	Purified from ascites by using Protein G
[Concentration]	Indicated on the label
[Formulation]	PBS

ApplicationsNeutralization 2.5 μ g/mL (in vitro)

Optimal concentration should be determined by each laboratory for each application.

Storage

Store at -20 °C.

Avoid repeated freeze and thaw.

Package

Code No.	Packaging
016-27441	10 μ L
012-27443	50 μ L

References

- 1) Klaassen, I., *et al.* : Experimental Eye Research **133**, 37 (2015).
- 2) Ikawa, Y., *et al.* : J. Cell Physiol., **216**, 3, 680 (2008).
- 3) Miyashita, T., *et al.* : Autoimmunity., **49**, 2,109 (2016).

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