

FUJIFILM**Wako**Code No. 018-27423 (50 μ L)
016-27424 (1 mL)**Anti CTGF Module1, Monoclonal Antibody(30D2)**
抗CTGFモジュール1,モノクローナル抗体(30D2)**【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 1 of native form CTGF³⁾⁴⁾⁵⁾.

【Description】**【Reactivity】**

Reacts with CTGF Module 1

【Antigen】

Human CTGF (native structure)

【Epitope】

CTGF Module 1

【Species cross reactivity】

Human, Mouse (other species are not tested)

【Clone No.】

30D2

【Host】

Mouse

【Isotype】

IgG1

【Purification】

Purified from ascites by using Protein G

【Concentration】

Indicated on the label

【Formulation】

PBS

【Applications】Neutralization 15 μ g/mL (in vitro), 10 mg/kg (in vivo)ELISA 5 μ g/mL

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
018-27423	50 μ L
016-27424	1 mL

【References】

- 1) Klaassen, I. *et al.* : *Exp. Eye Res.*, **133**, 37 (2015).
- 2) Ikawa, Y. *et al.* : *J. Cell. Physiol.*, **216** (3), 680 (2008).
- 3) Nozawa, K. *et al.* : *Arthritis Rheum.*, **65** (6), 1477 (2013).
- 4) Miyashita, T. *et al.* : *Autoimmunity*, **49** (2), 109 (2016).
- 5) Miyazaki, O. *et al.* : *Ann. Clin. Biochem.*, **47**, 205 (2010).

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