

Collagen II antibody [CIIC1]

Cat. No. GTX54398

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Application	IHC-P, IHC-Fr, ELISA, Functional Assay
Reactivity	Mouse, Rat, Chicken, Baboon, Horse

Package
50 µg

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
IHC-P	Assay dependent
IHC-Fr	Assay dependent
ELISA	Assay dependent
Functional Assay	Assay dependent

Note : This antibody is useful in immunoassays as coating and detection.

Not tested in other applications.

Calculated MW	142 kDa. (Note)
Product Note	The monoclonal antibody CIIC1 reacts with the C1 epitope (triple helical position 358-364) of collagen type II. The monoclonal antibody CIIC1 has been shown to induce CIA in naïve mice after injection of lipopolysaccharide (LPS). However, in combination with the monoclonal antibody M2139, binding to the J1 epitope of CII, the pair of monoclonal antibodies induce arthritis in different strains of mice without any other stimulants. The presence of secondary stimulus, LPS, increases the disease incidence and severity.

PROPERTIES

Form	Liquid
Buffer	Filter-sterilized PBS, 0.1% BSA
Preservative	No preservative
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
Concentration	100 µg/ml (Please refer to the vial label for the specific concentration.)
Purification	Purified IgG2a
Conjugation	Unconjugated



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Note

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