

## Collagen II antibody [CIIC1]

Cat. No. GTX54398

|                     |                                        |
|---------------------|----------------------------------------|
| <b>Host</b>         | Mouse                                  |
| <b>Clonality</b>    | Monoclonal                             |
| <b>Isotype</b>      | IgG2a                                  |
| <b>Applications</b> | IHC-P, IHC-Fr, ELISA, Functional Assay |
| <b>Reactivity</b>   | Mouse, Rat, Chicken, Baboon, Horse     |

Package  
50 µg

## Applications

## 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.

## 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 CAIA in naïve mice after injection of lipopolysaccharide (LPS). However, in combination with the monoclonal antibody M2139, binding to the J1 epitope of CI, 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

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



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