

**LAA665Hu84**  
**FITC-Linked Monoclonal Antibody to Cross Linked C-Telopeptide Of**  
**Type I Collagen (CTXI)**  
**Organism Species: Rattus norvegicus (Rat)**  
***Instruction manual***

FOR RESEARCH USE ONLY  
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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13th Edition (Revised in Aug, 2023)

## **[ PROPERTIES ]**

**Source:** Monoclonal antibody preparation

**Host:** Mouse

**Purification:** Protein A/G Affinity Chromatography.

**Clone number:** C2

**Antibody isotype:** IgG2b Kappa

**Label:** FITC

**Original Antibody:** MAA665Hu21

**Traits:** Liquid

**Concentration:** 0.33mg/ml

**UOM:** 100µl

**Applications:** WB; IHC; ICC; IF.

## **[ IMMUNOGEN ]**

**Immunogen:** Synthetic Peptide, CTXI conjugated to KLH. Target peptide sequence: EKAHDGGRYIRA.

**Accession No.:** CPA665Hu31

## **[ APPLICATIONS ]**

Western blotting: 0.5-2µg/mL;

Immunohistochemistry: 5-20µg/mL;

Immunocytochemistry: 5-20µg/mL;

Optimal working dilutions must be determined by end user.

## **[ FORMULATION ]**

**Form & Buffer:** applied as solution form in PBS , pH 8, 1% BSA ,50% glycerol; 0.05% Proclin-300.

## **[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

Keep in dark place

Store at 4°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Note:** As fluorescence can photobleach when exposed to light, so the antibody must be protected from light.

### **[ Important Note ]**

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.



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