

**MAA350Ra21**

**Monoclonal Antibody to Collagen Type I Alpha 1 (COL1a1)**

**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

**Antibody isotype:** IgG1 Kappa

**Purification:** Protein A + Protein G affinity chromatography

**Clone number:** C3

**Traits:** Liquid

**Concentration:** 1mg/mL

**UOM:** 200µg(200µL)

**Cross Reactivity:** N/A

**Applications:** Testing in progress.

**[ IMMUNOGEN ]**

**Immunogen:** Recombinant COL1a1 (Gly22~Ser154) expressed in *E.coli*

**Accession No.:** RPA350Ra01

**[ APPLICATIONS ]**

Testing in progress.

**[ FORMULATION ]**

**Form & Buffer:** Supplied as solution form in PBS, pH7.4, containing 0.02% NaN<sub>3</sub>, 50% glycerol.

**[ STORAGE AND STABILITY ]**

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

Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 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.

[ **IDENTIFICATION** ]

[ **IMPORTANT NOTE** ]

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