

A93195Mu01
Polyclonal Antibody to Collagen Type III Alpha 1 (COL3a1)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES

5th Edition (Revised in January, 2013)

[PRODUCT INFORMATION]

Immunogen: COL3a1

Clonality: Polyclonal

Host: Rabbit

Species Reactivity: Mouse

Ig type: Rabbit IgG

Purification: Antibodies are purified by target protein affinity chromatography.

Applications: WB, ICC, IHC-P, IHC-F

Form: Liquid

Size: 100µg

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant mouse COL3a1 (Gly22~Ser154) expressed in *E.coli*.

Molecular Weight: 15.2kDa

USCN accession No.: P93195Mu01

Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHSGSEF-GQEDIPEVS CIHNGLRVPN GETWKPEVCL ICICHNGTAV
CDDVQCNEEL DCPNPQRREG ECCAFCPEEY VSPNSEDVGV EGPKGDPGPQ
GPRGPVGPPG RDGIPGQPGL PGPPGPPGPP GPPGLGGNFA SQMS

Unique product Superb quality Client favorite Nicest service  ISO9001:2008;  ISO13485:2003; 

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[**ANTIBODY SPECIFICITY**]

Anti COL3a1 is a rabbit polyclonal antibody raised against mouse COL3a1. This antibody has been selected for its ability to recognize mouse COL3a1 in immunohistochemical staining and western blotting, non cross-reactive with other members of the family.

[**APPLICATIONS**]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Optimal working dilutions must be determined by end user.

[**CONTENTS**]

Form & Buffer: Supplied as solution form in PBS, pH 7.4, containing 0.02%Na₃N, 50% glycerol.

[**QUALITY CONTROL**]

Content: The quality control contains recombinant mouse COL3a1 (Gly22~Ser154) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.

5uL per well when used in enhanced chemilumescient (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading buffer: 100mM Tris(PH 8.8), 2%SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, Na₃N 0.02%.

[**STORAGE**]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.