

## Datasheet for ABIN7637213 **anti-COL8A1 antibody**



[Go to Product page](#)

### Overview

|              |  |
|--------------|--|
| Quantity:    | 100 µL   |
| Target:      | COL8A1   |
| Reactivity:  | Human  |
| Host:        | Mouse  |
| Clonality:   | Monoclonal   |
| Conjugate:   | This COL8A1 antibody is un-conjugated  |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

### Product Details

|               |   |
|---------------|---|
| Purpose:      | Monoclonal Antibody to Collagen Type VIII Alpha 1 (COL8a1)  |
| Immunogen:    | RPC146Hu01Recombinant Collagen Type VIII Alpha 1 (COL8a1)   |
| Clone:        | C4  |
| Specificity:  | The antibody is a mouse monoclonal antibody raised against COL8a1. It has been selected for its ability to recognize COL8a1 in immunohistochemical staining and western blotting. |
| Purification: | Protein A + Protein G affinity chromatography   |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | COL8A1                                     |
| Alternative Name: | COL8a1 ( <a href="#">COL8A1 Products</a> ) |

## Target Details

Background: COL8-A1, Collagen Alpha-1(VIII)chain, Endothelial collagen, Vastatin

UniProt: [P27658](#)

## Application Details

Application Notes: Western blotting: 0.01-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.

Comment: 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.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.86 mg/mL

Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

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