

Collagen I A1 Rabbit mAb (AR1435)

Key Features

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|---------------|--|
| Host Species: | Rabbit |
| Reactivity: | Human,Mouse,Rat |
| Applications: | WB,IHC,IF,IP,ELISA |
| Isotype: | IgG,Kappa |
| MW: | 139kD (Calculated) 220kD (Observed) |

Recommended Dilution Ratios

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|--------|--------------|
| IHC: | 1:200-1000 |
| WB: | 1:2000-10000 |
| IF: | 1:200-1000 |
| ELISA: | 1:5000-20000 |

| | |
|---------|---|
| Storage | -15°C to -25°C/1 year (Do not lower than -25°C) |
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Basic Information

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|-----------|------------|
| Clonality | Monoclonal |
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Immunogen Information

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|-------------|------------|
| Specificity | Endogenous |
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Target Information

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|-----------|--------|
| Gene name | COL1A1 |
|-----------|--------|

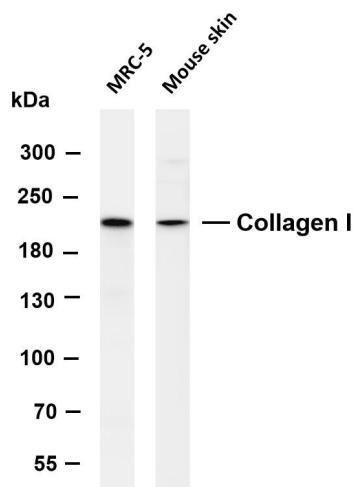
| | |
|--------------|---|
| Protein Name | Collagen I α 1 (Cleaved-Ala1218) |
|--------------|---|

| Organism | Gene ID | UniProt ID |
|----------|---------|------------|
| Human | 1277 | P02452 |
| Mouse | 12842 | P11087 |
| Rat | 29393 | P02454 |

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| Cellular Localization | Secreted, extracellular space, extracellular matrix . |
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| Tissue specificity | Forms the fibrils of tendon, ligaments and bones. In bones the fibrils are mineralized with calcium hydroxyapatite. |
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Validation Data



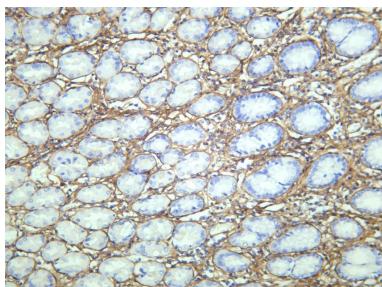
Various whole cell lysates were separated by 4-8% SDS-PAGE, and the membrane was blotted with anti-Collagen I antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

Lane 1: MRC-5

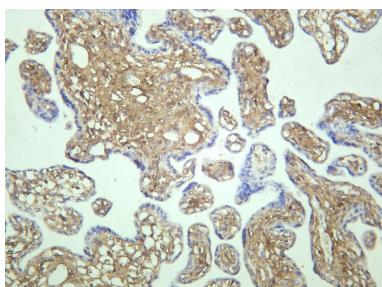
Lane 2: Mouse skin

Predicted band size: 139kDa

Observed band size: 220kDa



Human stomach was stained with anti-Collagen I rabbit antibody



Human placenta was stained with anti-Collagen I rabbit antibody

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