

**MOUSE ANTI-MMP-13  
MONOCLONAL ANTIBODY**

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| <b>CATALOG NUMBER:</b>     | <b>MAB3321</b>   | <b>QUANTITY:</b>      | 100 µg    |
| <b>LOT NUMBER:</b>         | 22061383   | <b>CONCENTRATION:</b> | 2 mg/mL   |
| <b>CLONE:</b>              | 181-15A12  | <b>HOST/ISOTYPE:</b>  | Ms IgG1/k |
| <b>SPECIFICITY:</b>        | Reacts with precursor and active forms of human MMP-13 and does not cross-react with human MMP-1, 2, 3, 7, 8, 9. This is a purified mouse monoclonal antibody to recombinant human matrix metalloproteinase 13 (human MMP-13, procollagenase-3). |                       |           |
| <b>APPLICATIONS:</b>       | <u>Western Blotting:</u> 1 µg/mL<br><u>Immunohistochemistry:</u> 2.5 µg/mL on paraffin-embedded tissue sections<br><i>Optimal working dilutions must be determined by the end user.</i>  |                       |           |
| <b>SPECIES REACTIVITY:</b> | Reacts with human. Reactivity with other species has not been determined.  |                       |           |
| <b>PRESENTATION:</b>       | Purified immunoglobulin to recombinant human matrix metalloproteinase 13 (human MMP-13, procollagenase-3). Liquid in 0.1 M PBS, pH 7.0 containing 4% protease free bovine serum albumin.   |                       |           |
| <b>STORAGE/HANDLING:</b>   | Maintain at -20°C for up to 12 months from date of receipt. Avoid repeated freeze/thaw cycles.   |                       |           |
| <b>REFERENCES:</b>         | Freije, J. et al. (1994). J. Biol. Chem. 269: 16766-16773.<br>Knauper, V. et al. (1996). J. Biol. Chem. 271: 1544-1550.<br>Knauper, V. et al. (1996). J. Biol. Chem. 271: 17124-17131.<br>Tamei, H. et al. (1998). Connective Tissue 30: 15-22.  |                       |           |

*For research use only; not for use as a diagnostic.*

**Important Note:** *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

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