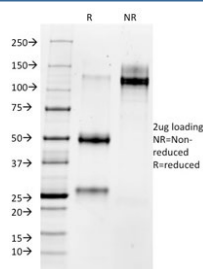


## MMP3 Antibody / Matrix Metalloproteinase 3 [clone MMP3/1730] (V7959)

| Catalog No.    | Formulation                                                                | Size   |
|----------------|----------------------------------------------------------------------------|--------|
| V7959-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V7959-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug  |
| V7959SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                             | 100 ug |

**Bulk quote request**

|                           |                                                                                       |
|---------------------------|---------------------------------------------------------------------------------------|
| <b>Availability</b>       | 1-3 business days                                                                     |
| <b>Species Reactivity</b> | Human                                                                                 |
| <b>Format</b>             | Purified                                                                              |
| <b>Clonality</b>          | Monoclonal (mouse origin)                                                             |
| <b>Isotype</b>            | Mouse IgG1, lambda                                                                    |
| <b>Clone Name</b>         | MMP3/1730                                                                             |
| <b>Purity</b>             | Protein G affinity chromatography                                                     |
| <b>UniProt</b>            | P08254                                                                                |
| <b>Applications</b>       | ELISA (order BSA-free Format For Coating) :<br>Immunohistochemistry (FFPE) 1-2ug/ml : |
| <b>Limitations</b>        | This MMP3 antibody is available for research use only.                                |



SDS-PAGE analysis of purified, BSA-free MMP3 antibody as confirmation of integrity and purity.

### Description

The matrix metalloproteinases (MMP) are a family of peptidase enzymes responsible for the degradation of extracellular matrix components, including collagen, gelatin, fibronectin, laminin and proteoglycan. Transcription of MMP genes is differentially activated by phorbol ester, lipopolysaccharide (LPS) or staphylococcal enterotoxin B (SEB). MMP catalysis

requires both calcium and zinc. MMP-3, MMP-10 and MMP-11 (also designated stromelysin-1, 2 and 3, respectively) activate procollagenase. MMP-3 activation of procollagenase can occur via two pathways. Direct activation by MMP-3 is slow and activation by MMP-3 in conjunction with tissue or plasma proteinases is rapid. MMP-10 is expressed in small intestine, and at lower levels in lung and heart. MMP-11 is specifically expressed in stromal cells of breast carcinomas and contributes to epithelial cell malignancies.

## **Application Notes**

Optimal dilution of the MMP3 antibody should be determined by the researcher.

## **Immunogen**

A recombinant human full length protein was used as the immunogen for this MMP3 antibody.

## **Storage**

Store the MMP3 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).