

## DESCRIPTION

|                           |                                                                                                                                                                   |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species Reactivity</b> | Human                                                                                                                                                             |
| <b>Specificity</b>        | Detects human MMP-9 in Western blots. In Western blots, less than 1% cross-reactivity with recombinant human MMP-1, -2, -3, -7, -8, -10, -12 and -13 is observed. |
| <b>Source</b>             | Polyclonal Goat IgG                                                                                                                                               |
| <b>Purification</b>       | Protein A or G purified                                                                                                                                           |
| <b>Immunogen</b>          | Chinese hamster ovary cell line CHO-derived recombinant human MMP-9                                                                                               |
| <b>Formulation</b>        | Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details.                                                       |

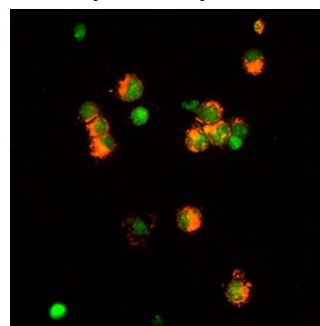
## APPLICATIONS

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

|                             | <b>Recommended Concentration</b> | <b>Sample</b>                                                                                                                                                                |
|-----------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Western Blot</b>         | 1 µg/mL                          | Recombinant Human MMP-9 Western Blot Standard (Catalog # <a href="#">WBC018</a> )                                                                                            |
| <b>Immunocytochemistry</b>  | 5-15 µg/mL                       | See Below                                                                                                                                                                    |
| <b>Immunohistochemistry</b> | 5-15 µg/mL                       | Immersion fixed paraffin-embedded sections of human ovarian cancer tissue subjected to Antigen Retrieval Reagent-Basic (Catalog # <a href="#">CTS013</a> )                   |
| <b>Immunoprecipitation</b>  | 25 µg/mL                         | Conditioned cell culture medium spiked with Recombinant Human MMP-9 (Catalog # <a href="#">911-MP</a> ), <a href="#">see our available Western blot detection antibodies</a> |

## DATA

### Immunocytochemistry



**MMP-9 in MMP-9 transfected NS0 Mouse Cell Line.** MMP-9 was detected in immersion fixed MMP-9 transfected NS0 mouse myeloma cell line using Goat Anti-Human MMP-9 Polyclonal Antibody (Catalog # AB911) at 5 µg/mL for 3 hours at room temperature. Cells were stained (red) and counterstained (green). Specific labeling was localized to the cytoplasm. View our protocol for [Fluorescent ICC Staining of Cells on Coverslips](#).

## PREPARATION AND STORAGE

|                                |                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reconstitution</b>          | Reconstitute at 1 mg/mL in sterile PBS.                                                                                                                                                                                                                                                                                                                         |
| <b>Shipping</b>                | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.                                                                                                                                                                                                                                         |
| <b>Stability &amp; Storage</b> | <p><b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b></p> <ul style="list-style-type: none"> <li>● 12 months from date of receipt, -20 to -70 °C as supplied.</li> <li>● 1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> <li>● 6 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul> |