

Datasheet for ABIN7642622  
**anti-MMP 9 antibody**



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## Overview

|              |                                                                                                           |
|--------------|-----------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                                                    |
| Target:      | MMP 9 (MMP9)                                                                                              |
| Reactivity:  | Human                                                                                                     |
| Host:        | Mouse                                                                                                     |
| Clonality:   | Monoclonal                                                                                                |
| Conjugate:   | This MMP 9 antibody is un-conjugated                                                                      |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP),<br>Immunocytochemistry (ICC) |

## Product Details

|               |                                                                                                                                                                               |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:      | Monoclonal Antibody to Matrix Metalloproteinase 9 (MMP9)                                                                                                                      |
| Specificity:  | The antibody is a mouse monoclonal antibody raised against MMP9. It has been selected for its ability to recognize MMP9 in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography                                                                                        |

## Target Details

|                   |                                                                                  |
|-------------------|----------------------------------------------------------------------------------|
| Target:           | MMP 9 (MMP9)                                                                     |
| Alternative Name: | MMP9 ( <a href="#">MMP9 Products</a> )                                           |
| Background:       | GELB, Gelatinase B, CLG4B, CLG4-B, 92 KDa Gelatinase, 92 kDa Type IV Collagenase |
| UniProt:          | <a href="#">P14780</a>                                                           |

## Target Details

|           |                                                                                                                                                    |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Pathways: | <a href="#">Cellular Response to Molecule of Bacterial Origin, Positive Regulation of Immune Effector Process, CXCR4-mediated Signaling Events</a> |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------|

## Application Details

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| Application Notes: | Western blotting: 0.2-2 µg/mL, 1:500-5000 Immunohistochemistry: 5-20 µg/mL, 1:50-200 Immunocytochemistry: 5-20 µg/mL, 1:50-200 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:     | 1 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. |