

# MMP19 rabbit monoclonal antibody

Catalog # H00004327-K      Size 100 ug x up to 3

## Specification

|                         |                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Rabbit monoclonal antibody raised against a human MMP19 peptide using ARM Technology.                                                                                                                                                                                        |
| Immunogen               | A synthetic peptide of human MMP19 is used for rabbit immunization.<br>Customer or Abnova will decide on the preferred peptide sequence.                                                                                                                                     |
| Host                    | Rabbit                                                                                                                                                                                                                                                                       |
| Library Construction    | Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).                                                                                                                                                                                           |
| Expression              | Overexpression vector and transfection into 293H cell line.                                                                                                                                                                                                                  |
| Reactivity              | Human                                                                                                                                                                                                                                                                        |
| Purification            | Protein A                                                                                                                                                                                                                                                                    |
| Isotype                 | IgG                                                                                                                                                                                                                                                                          |
| Quality Control Testing | Antibody reactive against human MMP19 peptide by ELISA and mammalian transfected lysate by Western Blot.                                                                                                                                                                     |
| Storage Buffer          | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                            |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                     |
| Deliverable             | Up to three rabbit IgG clones of 100 ug each will be delivered to customer.                                                                                                                                                                                                  |
| Note                    | 1. Customer may provide cell or tissue lysate for antibody screening.<br>2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request. |

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — MMP19

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">4327</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| GeneBank Accession# | <a href="#">MMP19</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Gene Name           | MMP19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Gene Alias          | MMP18, RASI-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene Description    | matrix metallopeptidase 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Omim ID             | <a href="#">601807</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Summary        | Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. This protein is expressed in human epidermis and it has a role in cellular proliferation as well as migration and adhesion to type I collagen. Multiple transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq] |
| Other Designations  | matrix metalloproteinase 18 matrix metalloproteinase 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## Disease

- [Alzheimer disease](#)
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- [Chorioamnionitis](#)
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- [Diabetes Mellitus](#)
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- [Genetic Predisposition to Disease](#)
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