

# Anti-MMP17 Rabbit Monoclonal Antibody

Catalog # ABO15252

## Product Information

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|--------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB, IHC, IF, ICC                                                                                                             |
| <b>Primary Accession</b> | <a href="#">Q9ULZ9</a>                                                                                                       |
| <b>Host</b>              | Rabbit                                                                                                                       |
| <b>Isotype</b>           | IgG                                                                                                                          |
| <b>Reactivity</b>        | Rat, Human, Mouse                                                                                                            |
| <b>Clonality</b>         | Monoclonal                                                                                                                   |
| <b>Format</b>            | Liquid                                                                                                                       |
| <b>Description</b>       | Anti-MMP17 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat. |

## Additional Information

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| <b>Gene ID</b>                         | 4326                                                                                                                                                                                |
| <b>Other Names</b>                     | Matrix metalloproteinase-17, MMP-17, 3.4.24.-, Membrane-type matrix metalloproteinase 4, MT-MMP 4, MTMMP4, Membrane-type-4 matrix metalloproteinase, MT4-MMP, MT4MMP, MMP17, MT4MMP |
| <b>Calculated MW</b>                   | 66653                                                                                                                                                                               |
| <b>Application Details</b>             | WB 1:500-1:1000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200                                                                                                                              |
| <b>Source</b>                          | Eukaryota                                                                                                                                                                           |
| <b>Contents</b>                        | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                                                                 |
| <b>Clone Names</b><br><b>Immunogen</b> | Clone: 18M28<br>A synthesized peptide derived from human MMP17                                                                                                                      |
| <b>Purification</b>                    | Affinity-chromatography                                                                                                                                                             |
| <b>Storage</b>                         | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.                                          |

## Protein Information

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|-----------------|--------|
| <b>Name</b>     | MMP17  |
| <b>Synonyms</b> | MT4MMP |

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| <b>Function</b>          | Endopeptidase that degrades various components of the extracellular matrix, such as fibrin. May be involved in the activation of membrane-bound precursors of growth factors or inflammatory mediators, such as tumor necrosis factor-alpha. May also be involved in tumoral process. Cleaves pro-TNF at the '74-Ala- -Gln-75' site. Not obvious if able to proteolytically activate progelatinase A. Does not hydrolyze collagen types I, II, III, IV and V, gelatin, fibronectin, laminin, decorin nor alpha1-antitrypsin. |
| <b>Cellular Location</b> | [Isoform Long]: Cell membrane; Lipid-anchor, GPI- anchor; Extracellular side. Secreted, extracellular space, extracellular matrix                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Tissue Location</b>   | Expressed in brain, leukocytes, colon, ovary testis and breast cancer. Expressed also in many transformed and non- transformed cell types                                                                                                                                                                                                                                                                                                                                                                                    |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.