

# Anti-MMP12 Rabbit Monoclonal Antibody

Catalog # ABO13628

## Product Information

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|--------------------------|----------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB                                                                                                 |
| <b>Primary Accession</b> | <a href="#">P39900</a>                                                                             |
| <b>Host</b>              | Rabbit                                                                                             |
| <b>Isotype</b>           | Rabbit IgG                                                                                         |
| <b>Reactivity</b>        | Human                                                                                              |
| <b>Clonality</b>         | Monoclonal                                                                                         |
| <b>Format</b>            | Liquid                                                                                             |
| <b>Description</b>       | Anti-MMP12 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human. |

## Additional Information

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|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>                  | 4321                                                                                                                                       |
| <b>Other Names</b>              | Macrophage metalloelastase, MME, 3.4.24.65, Macrophage elastase, ME, hME, Matrix metalloproteinase-12, MMP-12, MMP12, HME                  |
| <b>Calculated MW</b>            | 54002                                                                                                                                      |
| <b>Application Details</b>      | WB 1:1000-1:2000                                                                                                                           |
| <b>Subcellular Localization</b> | Secreted, extracellular space, extracellular matrix.                                                                                       |
| <b>Tissue Specificity</b>       | Found in alveolar macrophages but not in peripheral blood monocytes.                                                                       |
| <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>              | Clone: CHE-13                                                                                                                              |
| <b>Immunogen</b>                | A synthesized peptide derived from human MMP12                                                                                             |
| <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. |

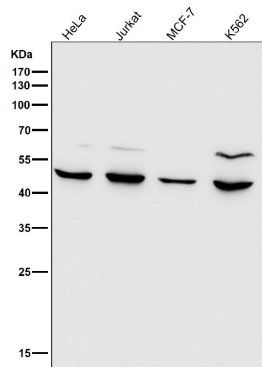
## Protein Information

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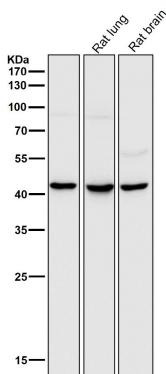
|                 |       |
|-----------------|-------|
| <b>Name</b>     | MMP12 |
| <b>Synonyms</b> | HME   |

|                   |                                                                                                                                                                                                                                                                                                                    |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Function          | May be involved in tissue injury and remodeling. Has significant elastolytic activity. Can accept large and small amino acids at the P1' site, but has a preference for leucine. Aromatic or hydrophobic residues are preferred at the P1 site, with small hydrophobic residues (preferably alanine) occupying P3. |
| Cellular Location | Secreted, extracellular space, extracellular matrix                                                                                                                                                                                                                                                                |
| Tissue Location   | Found in alveolar macrophages but not in peripheral blood monocytes                                                                                                                                                                                                                                                |

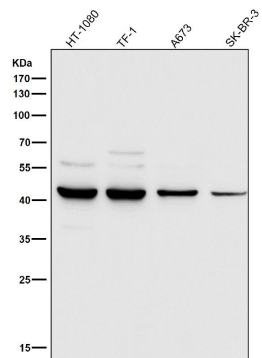
Images



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

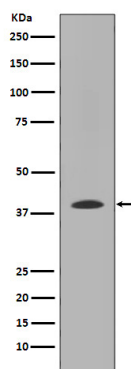


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All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

Western blot analysis of MMP12 expression in WI-38 cell lysate.



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