

## Mouse PEPSINOGEN I Monoclonal Antibody

MOUSE ANTI HUMAN PEPSINOGEN I

|                              |                      |                                                                                   |
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| CATALOG #<br><b>AAA49202</b> | HOST<br><b>Mouse</b> | APPLICATIONS<br><b>immunoassay, Radioimmunoassay, Immunohistochemistry, ELISA</b> |
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### PRODUCT SYNONYMS

PEPSINOGEN I; Monoclonal Antibody; MOUSE ANTI HUMAN PEPSINOGEN I; anti-PEPSINOGEN I antibody

### PRODUCT SPECIFICATIONS

|                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| Host                                                   | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Clonality                                              | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Isotype                                                | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Clone Number                                           | 8003 (99/12)                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Specificity                                            | This item recognises human Pepsinogen I, a zymogen or proenzyme secreted by Chief cells in the stomach. It is cleaved to form pepsin both in an autocatalytic fashion and by pepsin itself. In humans there are two related forms of pepsin, Pepsinogen I (also known as pepsinogen A), and Pepsinogen II (also known as Pepsinogen B or progastricsin). This item has an affinity of $4 \times 10^{10}$ l/mol human Pepsinogen I. |
| Form/Format                                            | Purified<br>Purified IgG - liquid                                                                                                                                                                                                                                                                                                                                                                                                  |
| Concentration                                          | IgG concentration 0.5 mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                        |
| Applicable Applications for anti-PEPSINOGEN I antibody | RIA (Radioimmunoassay), IHC (Immunohistochemistry), ELISA                                                                                                                                                                                                                                                                                                                                                                          |
| Perservative Stabilisers                               | 0.09% Sodium Azide (NaN <sub>3</sub> )<br>Preparation                                                                                                                                                                                                                                                                                                                                                                              |
| Immunogen                                              | Purified human pepsinogen 1.<br>Buffer Solution                                                                                                                                                                                                                                                                                                                                                                                    |
| Target Species                                         | Human                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Preparation and Storage                                | Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.<br>Shelf Life: 18 months from date of despatch.                                                                     |

### ADDITIONAL INFORMATION

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| Related Product Information for anti-PEPSINOGEN I antibody | MBS211860 recognises human Pepsinogen I, a zymogen or proenzyme secreted by Chief cells in the stomach. It is cleaved to form pepsin both in an autocatalytic fashion and by pepsin itself. In humans there are two related forms of pepsin, Pepsinogen I (also known as pepsinogen A), and Pepsinogen II (also known as Pepsinogen B or progastricsin).MBS211860 has an affinity of $4 \times 10^{10}$ l/mol human Pepsinogen I. |
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**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/monoclonal/pepsinogen-i-antibody-clone-8003-99-12-radioimmunoassay-immunohistochemistry-elisa/49202>