



# Rabbit Anti-Obinutuzumab monoclonal antibody, clone 270G21 (CABT-ZB223)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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| <b>Product Overview</b> | CABT-ZB223 is produced from a hybridoma resulting from the fusion of partner and B-lymphocytes obtained from a rabbit immunized with Obinutuzumab.                                           |
| <b>Target</b>           | Obinutuzumab                                                                                                                                                                                 |
| <b>Immunogen</b>        | Obinutuzumab                                                                                                                                                                                 |
| <b>Isotype</b>          | IgG                                                                                                                                                                                          |
| <b>Source/Host</b>      | Rabbit                                                                                                                                                                                       |
| <b>Clone</b>            | 270G21                                                                                                                                                                                       |
| <b>Purification</b>     | Protein A purified                                                                                                                                                                           |
| <b>Conjugate</b>        | Unconjugated                                                                                                                                                                                 |
| <b>Applications</b>     | Suitable for use in PK bridging ELISA.<br>We recommend the following for sandwich ELISA (Capture - Detection):<br>CABT-ZB222 - CABT-ZB223<br>Recommended Working Concentration: 0.01-1 µg/ml |
| <b>Reconstitution</b>   | Reconstitute the lyophilized powder with deionized water (or equivalent) to a final concentration of 0.5 mg/mL.                                                                              |
| <b>Format</b>           | Purified, Lyophilized.                                                                                                                                                                       |
| <b>Size</b>             | 40 µg                                                                                                                                                                                        |
| <b>Buffer</b>           | Lyophilized with PBS, pH 7.4, contains 0.02% sodium azide.                                                                                                                                   |

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| <b>Preservative</b> | 0.02% sodium azide                                                                                                                                                                                                     |
| <b>Storage</b>      | The lyophilized product remains stable up to 1 year at -20 °C from date of receipt. Upon reconstitution, it can be stored for 2-3 weeks at 2-8 °C or for up to 12 months at -20 °C or below. Avoid freeze/thaw cycles. |
| <b>Ship</b>         | Wet ice                                                                                                                                                                                                                |

## BACKGROUND

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| <b>Introduction</b> | Obinutuzumab (Gazyva) is a humanized monoclonal antibody that is approved by the U.S. Food and Drug Administration for the treatment of chronic lymphocytic leukemia and follicular lymphoma. It binds to a unique conformation epitope on CD20 protein, which partially overlaps with the section recognized by rituximab. When Obinutuzumab binds to CD20 on B cells, it makes these cells to be destroyed by the adaptive immune system. |
| <b>Keywords</b>     | Rabbit monoclonal antibody to Gazyva; Afutuzumab; Obinutuzumab; GA 101                                                                                                                                                                                                                                                                                                                                                                      |

## GENE INFORMATION

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| <b>Synonyms</b> | Rabbit monoclonal antibody to Gazyva; Afutuzumab; Obinutuzumab; GA 101 |
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