

**PRODUCT INFORMATION**

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| <b>Clone ID</b>                         | 7C1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Target</b>                           | CGRP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Synonyms</b>                         | CALC1;CALCA;CGRP-alpha;CGRP-I;CGRP1;CT;KC;PCT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Host Species</b>                     | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>                      | Biotinylated Anti-CGRP antibody(7C1); IgG1 Chimeric mAb                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Delivery</b>                         | 2-3 weeks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Uniprot ID</b>                       | P06881                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>IgG type</b>                         | Rabbit/Human Fc chimeric IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Clonality</b>                        | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Reactivity</b>                       | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>                     | Flow Cyt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Recommended Dilutions</b>            | Flow Cyt 1/100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Purification</b>                     | Purified from cell culture supernatant by affinity chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Formulation &amp; Reconstitution</b> | Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Storage &amp; Shipping</b>           | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.                                                                                                                                                                                                                                                                                                                          |
| <b>Background</b>                       | This gene encodes the peptide hormones calcitonin, calcitonin gene-related peptide and katacalcin by tissue-specific alternative RNA splicing of the gene transcripts and cleavage of inactive precursor proteins. Calcitonin is involved in calcium regulation and acts to regulate phosphorus metabolism. Calcitonin gene-related peptide functions as a vasodilator and as an antimicrobial peptide while katacalcin is a calcium-lowering peptide. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Aug 2014] |
| <b>Usage</b>                            | Research use only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Conjugate</b>                        | Biotinylated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>DIMA Disclaimer</b>                  | All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scrutinizing all patent application to ensure no IP infringement.                                                                                                                                                                                                                                                                                                       |

