

**PRODUCT INFORMATION**

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| <b>Clone ID</b>                         | DMC419  |
| <b>Target</b>                           | IL6   |
| <b>Synonyms</b>                         | IL6; Interleukin-6; BSF2; HSF; IFNB2  |
| <b>Host Species</b>                     | Rabbit  |
| <b>Description</b>                      | Biotinylated Anti-IL-6 antibody(DMC419); IgG1 Chimeric mAb  |
| <b>Delivery</b>                         | 2-3 weeks   |
| <b>Uniprot ID</b>                       | P05231  |
| <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>Endotoxin</b>                        | Less than 1.0 EU/μg by the LAL method. For <1 EU/mg requirements, please contact us for customization.  |
| <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 a cytokine that functions in inflammation and the maturation of B cells. In addition; the encoded protein has been shown to be an endogenous pyrogen capable of inducing fever in people with autoimmune diseases or infections. The protein is primarily produced at sites of acute and chronic inflammation; where it is secreted into the serum and induces a transcriptional inflammatory response through interleukin 6 receptor; alpha. The functioning of this gene is implicated in a wide variety of inflammation-associated disease states; including susceptibility to diabetes mellitus and systemic juvenile rheumatoid arthritis. Alternative splicing results in multiple transcript variants. |
| <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 scr  |

