

PRODUCT INFORMATION

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| Clone ID | 4G2 |
| Target | IL1A |
| Synonyms | IL-1 alpha;IL-1A;IL1;IL1-ALPHA;IL1F1 |
| Host Species | Rabbit |
| Description | Anti-IL1A antibody(4G2); IgG1 Chimeric mAb |
| Delivery | In Stock |
| Uniprot ID | P01583 |
| IgG type | Rabbit/Human Fc chimeric IgG1 |
| Clonality | Monoclonal |
| Reactivity | Human |
| Applications | Flow Cyt |
| Recommended Dilutions | Flow Cyt 1/100 |
| Purification | Purified from cell culture supernatant by affinity chromatography |
| Formulation & Reconstitution | 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. |
| Storage & Shipping | 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. |
| Background | The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine is a pleiotropic cytokine involved in various immune responses, inflammatory processes, and hematopoiesis. This cytokine is produced by monocytes and macrophages as a proprotein, which is proteolytically processed and released in response to cell injury, and thus induces apoptosis. This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. It has been suggested that the polymorphism of these genes is associated with rheumatoid arthritis and Alzheimer's disease. [provided by RefSeq, Jul 2008] |
| Usage | Research use only |
| Conjugate | Unconjugated |



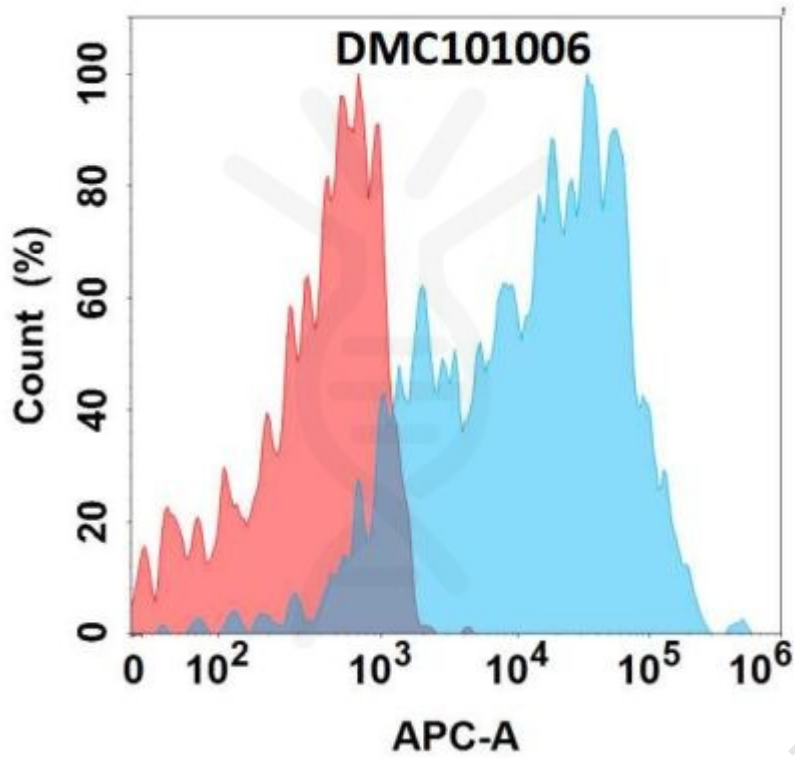


Figure 1. Flow cytometry analysis with Anti-IL1A (4G2) mAb on Expi293 cells transfected with human IL1A (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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