Cat. No. DMC101006



## **PRODUCT INFORMATION**

Clone ID 4G2 IL1A **Target** 

**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

**Background** 

Flow Cyt 1/100 **Dilutions** 

Purified from cell culture supernatant by affinity **Purification** 

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before Reconstitution lyophilization. Please see Certificate of Analysis

for specific instructions of reconstitution. 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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient

temperature.

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]

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Usage Research use only



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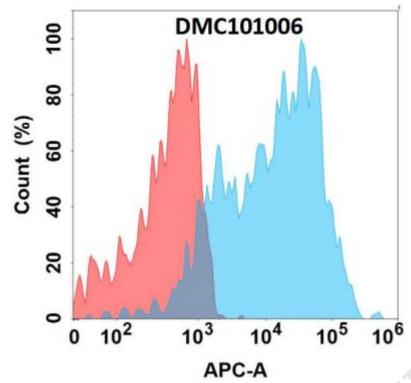


Figure 1. Flow cytometry analysis with Anti-IL1A (4G2) mAb on Expi293 cells transfected with human IL1A (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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