IL-6 (DMC419) IGG1 CHIMERIC MAB

Cat.#: 28213

Product Name: Anti-IL-6(DMC419) IgG1 Chimeric Monoclonal Antibody

Synonyms: IL6; Interleukin-6; BSF2; HSF; IFNB2

Description: Anti-IL-6 antibody(DMC419) IgG1 Chimeric Monoclonal Antibody

Background: 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 suspectibility to diabetes mellitus and systemic juvenile rheumatoid arthritis. Alternative splicing results in multiple transcript variants.

Applications: Flow Cyt

Recommended Dilutions: Flow Cyt 1:100

Host Species: Rabbit

Isotype: Rabbit:Human Fc chimeric IgG1

Purification: Purified from cell culture supernatant by affinity chromatography

Species Reactivity: Human IL-6

Constituents: Lyophilized from sterile PBS, pH 7.4. 5 % – 8% trehalose is added as protectants before lyophilization.

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).

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC APPLICATIONS

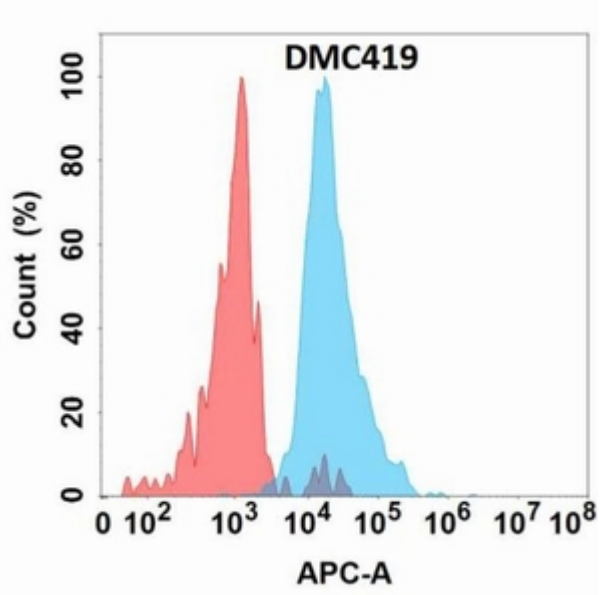

Figure 1. Flow cytometry analysis with Anti-IL-6 (DMC419) on Expi293 cells transfected with human IL-6 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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