

PRODUCT INFORMATION

Clone ID	DMC419
Target	IL-6
Synonyms	IL6; Interleukin-6; BSF2; HSF; IFNB2
Host Species	Rabbit
Description	Anti-IL-6 antibody(DMC419); IgG1 Chimeric mAb
Delivery	In Stock
Uniprot ID	P05231
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	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.
Usage	Research use only



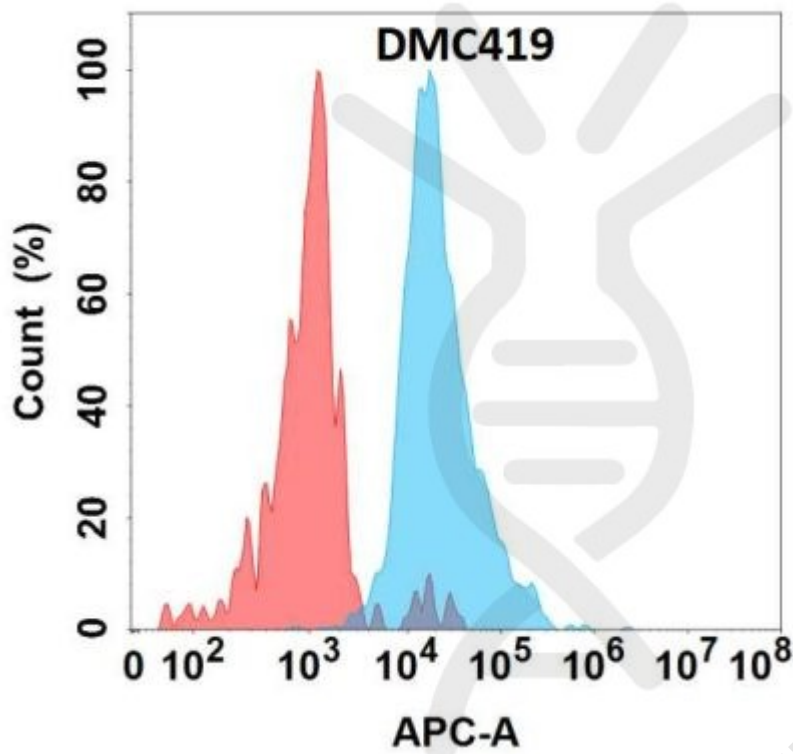


Figure 1. Flow cytometry analysis with Anti-IL-6 (DMC419) on Expi293 cells transfected with human IL-6 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

