

## CXCL1 (DMC499) IGG1 CHIMERIC MAB

**Cat.#:** 28272

**Product Name:** Anti-CXCL1(DMC499) IgG1 Chimeric Monoclonal Antibody

**Synonyms:** FSP; GRO1; GRO $\alpha$ ; MGSA; MGSA- $\alpha$ ; NAP-3; SCYB1

**Description:** Anti-CXCL1 antibody(DMC499) IgG1 Chimeric Monoclonal Antibody

**Background:** This antimicrobial gene encodes a member of the CXC subfamily of chemokines. The encoded protein is a secreted growth factor that signals through the G-protein coupled receptor; CXC receptor 2. This protein plays a role in inflammation and as a chemoattractant for neutrophils. Aberrant expression of this protein is associated with the growth and progression of certain tumors. A naturally occurring processed form of this protein has increased chemotactic activity. Alternate splicing results in coding and non-coding variants of this gene. A pseudogene of this gene is found on chromosome 4. [provided by RefSeq; Sep 2014]

**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 CXCL1

**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).

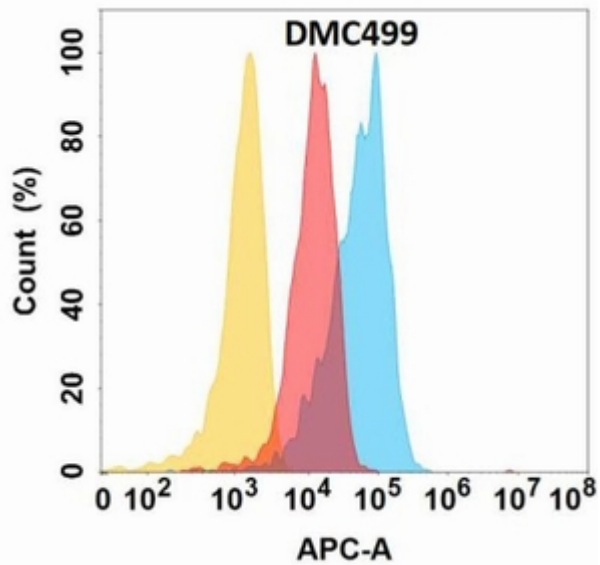


Figure 1. Flow cytometry analysis with Anti-CXCL1 (DMC499) on Expi293 cells transfected with human CXCL1 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram), and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram).