

**CD63 (DMC425) IGG1 CHIMERIC MAB****Cat.#:** 28219**Product Name:** Anti-CD63(DMC425) IgG1 Chimeric Monoclonal Antibody**Synonyms:** CD63 antigen;Granulophysin;LAMP-3;Limp1;Melanoma-associated antigen ME491;OMA81H;Ocular melanoma-associated antigen;Tetraspanin-30;Tspan-30**Description:** Anti-CD63 antibody(DMC425) IgG1 Chimeric Monoclonal Antibody**Background:** The protein encoded by this gene is a member of the transmembrane 4 superfamily; also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development; activation; growth and motility. The encoded protein is a cell surface glycoprotein that is known to complex with integrins. It may function as a blood platelet activation marker. Deficiency of this protein is associated with Hermansky-Pudlak syndrome. Also this gene has been associated with tumor progression. Alternative splicing results in multiple transcript variants encoding different protein isoforms.**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 CD63**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).

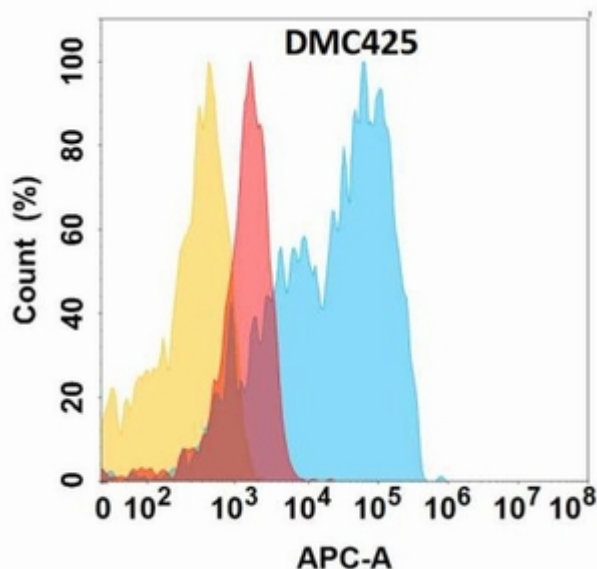


Figure 1. CD63 protein is highly expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with Anti-CD63 (DMC425) on Expi293 cells transfected with human CD63 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram), and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram).