

**GIPR(3G5) IGG1 CHIMERIC MAB****Cat.#:** 28564**Product Name:** Anti-GIPR(3G5) IgG1 Chimeric Monoclonal Antibody**Synonyms:** PGQTL2**Description:** Anti-GIPR antibody(3G5) IgG1 Chimeric Monoclonal Antibody

**Background:** This gene encodes a G-protein coupled receptor for gastric inhibitory polypeptide (GIP), which was originally identified as an activity in gut extracts that inhibited gastric acid secretion and gastrin release, but subsequently was demonstrated to stimulate insulin release in the presence of elevated glucose. Mice lacking this gene exhibit higher blood glucose levels with impaired initial insulin response after oral glucose load. Defect in this gene thus may contribute to the pathogenesis of diabetes. [provided by RefSeq, Oct 2011]

**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 GIPR**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).

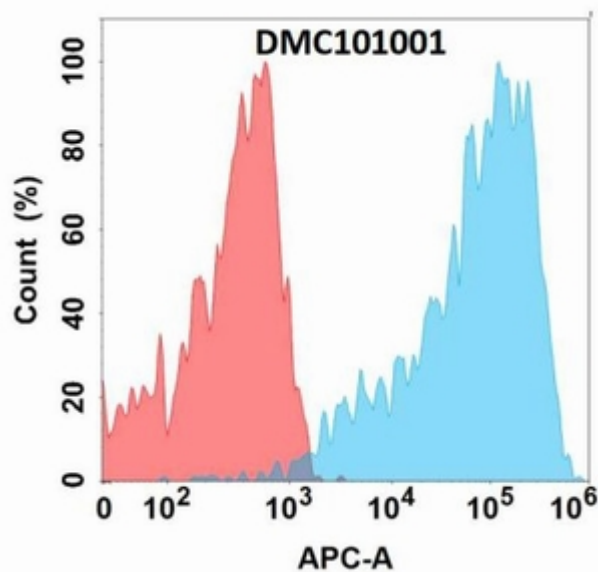


Figure 1. Flow cytometry analysis with Anti-GIPR (3G5) mAb on Expi293 cells transfected with human GIPR (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).