## PRODUCT INFORMATION

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|---|---|
| **Clone ID** | DMC387 |
| **Target** | GUCY2C |
| **Synonyms** | DIAR6; GC-C; GUC2C; MECIL; MUCIL; STAR |
| **Host Species** | Rabbit |
| **Description** | Anti-GUCY2C antibody(DMC387); IgG1 Chimeric mAb |
| **Delivery** | In Stock |
| **Uniprot ID** | P25092 |
| **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 transmembrane protein that functions as a receptor for endogenous peptides guanylin and uroguanylin; and the heat-stable E. coli enterotoxin. The encoded protein activates the cystic fibrosis transmembrane conductance regulator. Mutations in this gene are associated with familial diarrhea (autosomal dominant) and meconium ileus (autosomal recessive). |
| **Usage** | Research use only |
| **Conjugate** | Unconjugated |
| **DIMA Disclaimer** | All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scrutinizing all patent application to ensure no IP infringement. |



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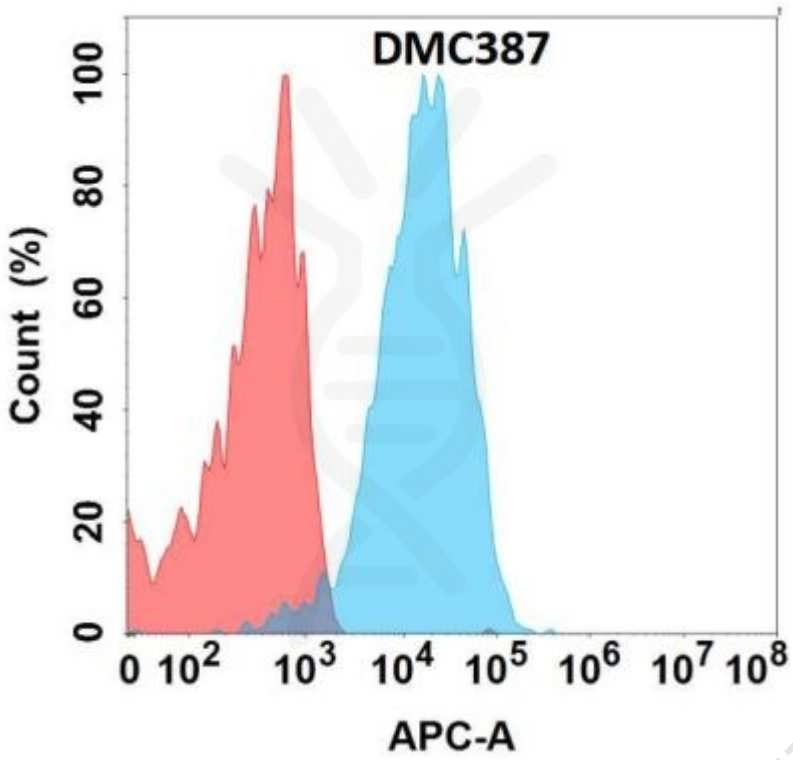


**Figure 1.** Flow cytometry analysis with Anti-GUCY2C (DMC387) on HEK293 cells transfected with human GUCY2C (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).



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