

## Anti-APJ mIgG2a Antibody(226C12E12)

### Product Information

|                 |        |
|-----------------|--------|
| GM-87770AB-10   | 10 µg  |
| GM-87770AB-100  | 100 µg |
| GM-87770AB-1000 | 1 mg   |

### Antibody Information

|                    |  |
|--------------------|--|
| Species Reactivity | Human  |
| Clone              | 226C12E12  |
| Source/Isotype     | Monoclonal Mouse IgG2a, κ  |
| Application        | Flow cytometry   |
| Specificity        | Detects APJ  |
| Gene               | APJ  |
| Other Names        | AGTRL1, APLNR, APJR, HG11  |
| Gene ID            | 187 (human)  |
| Background         | <p>The APJ gene (AdipoQ/P2Y receptor-related G protein-coupled receptor) is an important gene closely associated with various biological processes. The G protein-coupled receptor encoded by this gene plays a significant role in multiple biological functions, including the cardiovascular system, metabolic regulation, as well as cell proliferation and survival. In addition, studies have shown that the APJ receptor plays a crucial role in regulating cardiac function and blood pressure, and its activation may offer protection against cardiovascular diseases.</p> |
| Storage            | Store at 2-8°C short term (1-2 weeks). Store at ≤ -20°C long term. Avoid repeated freeze-thaw.   |
| Formulation        | Phosphate-buffered solution, pH 7.2-7.4.   |
| Endotoxin          | < 1 EU/mg, determined by LAL gel clotting assay  |

## Data Examples

Flow cytometry

H\_APJ Reporter HEK-293 Cell Line (Catalog # GM-C29525) was stained with Anti-H\_MS4A1(CD20) hIgG1 Antibody(Ocrelizumab) (Catalog # GM-87770AB) or isotype control antibody, followed by anti-Mouse IgG APC-conjugated Secondary Antibody.

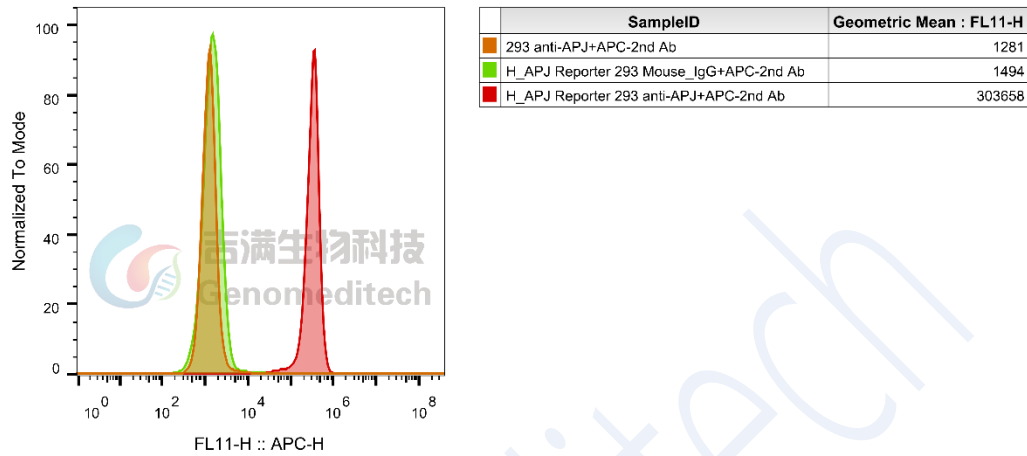


Fig 1. FACS