

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	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.
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-APJ mIgG2a Antibody(226C12E12) (Catalog # GM-87770AB) or isotype control antibody, followed by anti-Mouse IgG APC-conjugated Secondary Antibody.

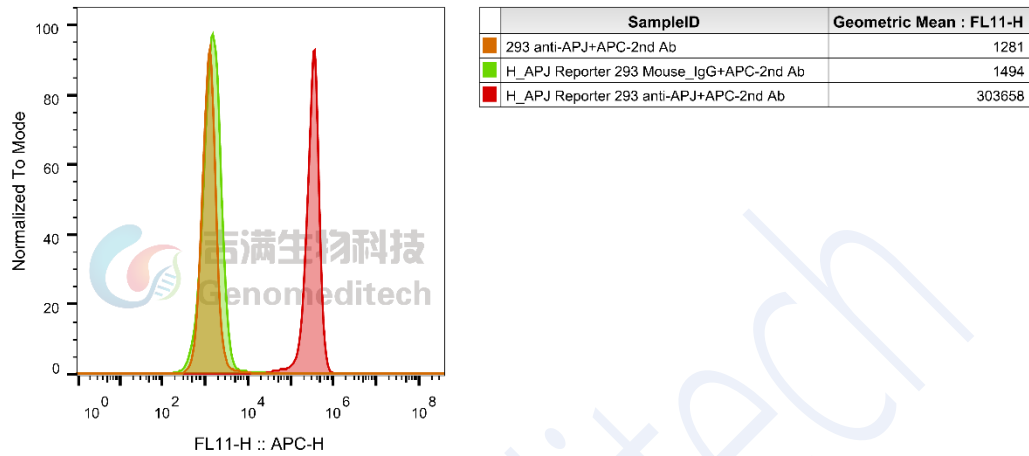


Fig 1. FACS