吉满生物科技
Genomeditech

Anti-H_GIPR hIgG1 Antibody（AMG-133）

Product information

GM-84915AB-10	10 µg
GM-84915AB -100	100 µg
GM-84915AB -1000	1 mg

Antibody Information

Species Reactivity	Human; Cynomolgus; Mouse
Clone	AMG-133
Source/Isotype	Monoclonal human IgG1/κ
Application	Flow cytometry
Specificity	Detects GIPR
Gene	GIPR
Other Names	PGQTL2
Gene ID	P48546(Human); XM_005589605.3 (cynomolgus); Q0P543 (Mouse)
Background	GIPR (glucose-dependent Insulinotropic Peptide Receptor) is a seven-transmembrane G-protein-coupled receptor involved in the regulation of insulin release and Glucose metabolism. Its structure includes transmembrane region and ligand binding region. Its functions include: insulin release regulation, blood glucose metabolism regulation. When activated, GIPR can activate G-protein-related signaling pathways, leading to the release and regulation of intracellular signaling molecules that ultimately affect insulin release. As a regulator of insulin release, GIPR has potential application in the field of diabetes treatment.
Storage	Store at 2-8℃ short term (1-2 weeks).Store at ≤ -20℃ long term. Avoid repeated freeze-thaw.
Formulation	Phosphate-buffered solution, pH 7.2.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

Version:3.1 Revision Date:12/25/2023

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Data Examples

Flow cytometry

The recommended usage range is 0.5-4 µg per test. H_GIPR HEK-293 Cell Line (Catalog # GM-C35006) was stained with Anti-H_GIPR hIgG1 Antibody（AMG-133） (Catalog # GM-84915AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody .
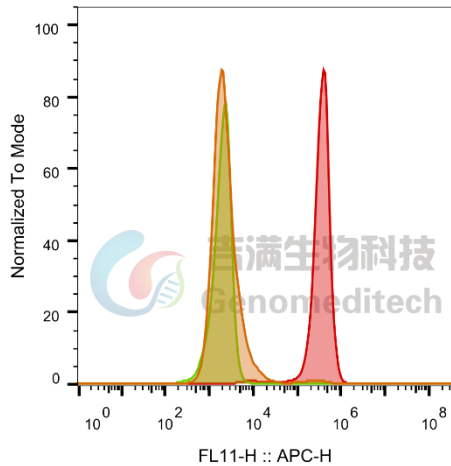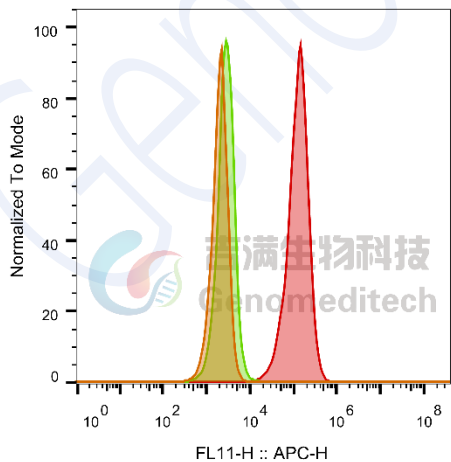

	SampleID	Geometric Mean : FL11-H
🟧	HEK-293 anti-GIPR+APC-2nd Ab	2443
🟩	HEK-293 H_GIPR H_IgG+APC-2nd Ab	1933
🟥	HEK-293 H_GIPR anti-GIPR+APC-2nd Ab	329654

Fig. FACS

Flow cytometry

The recommended usage range is 0.5-4 µg per test. Cynomolgus_GIPR CHO-K1 Cell Line (Catalog # GM-C35009) was stained with Anti-H_GIPR hIgG1 Antibody（AMG-133） (Catalog # GM-84915AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody .
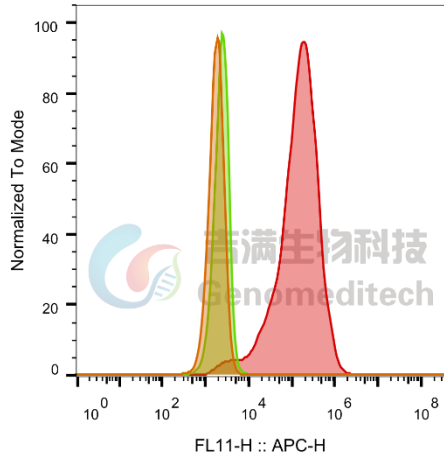

	SampleID	Geometric Mean : FL11-H
🟧	CHO-K1 anti-GIPR+APC-2nd Ab	2005
🟩	CHO-K1 Cyno_GIPR H_IgG+APC-2nd Ab	2774
🟥	CHO-K1 Cyno_GIPR anti-GIPR+APC-2nd Ab	123221

Fig. FACS

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Flow cytometry

The recommended usage range is 0.5-4 µg per test. Mouse_GIPR CHO-K1 Cell Line (Catalog # GM-C33553) was stained with Anti-H_GIPR hIgG1 Antibody（AMG-133） (Catalog # GM-84915AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody .

SampleID	Geometric Mean : FL11-H
CHO-K1 anti-GIPR+APC-2nd Ab	1768
CHO-K1 Mouse_GIPR H_IgG+APC-2nd Ab	2355
CHO-K1 Mouse_GIPR anti-GIPR+APC-2nd Ab	130463

Fig. FACS

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