Anti-HER4 hIgG1 Antibody(HE4B-27)

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Product information

GM-87686AB-10	10 μg
GM-87686AB-100	100 μg
GM-87686AB-1000	1 mg

Antibody Information

Species Reactivity	Human
Clone	HE4B-27
Source/Isotype	Monoclonal human IgG1, λ
Application	Flow cytometry
Other Names	ErbB4, ALS19, HER4, p180erbB4
Background	The HER4 gene (Human Epidermal Growth Factor Receptor 4, also known as ERBB4) is a member of the ERBB family, which includes HER1 (EGFR), HER2 (ERBB2), HER3 (ERBB3), and HER4 (ERBB4). The HER4 gene encodes a transmembrane receptor tyrosine kinase that primarily participates in cell signal transduction, regulating biological processes such as cell growth, differentiation, migration, and survival. The HER4 gene plays a significant role in cell signaling, development, and disease, and its study not only helps to understand fundamental biological mechanisms but also offers potential therapeutic targets for cancer, neurological disorders, and cardiovascular diseases.
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

Data Examples

Flow cytometry

H_HER2 HER4 Reporter HEK-293 Cell Line (Catalog # GM-C34194) was stained with Anti-HER4 hIgG1 Antibody(HE4B-27) (Catalog # GM-87686AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.
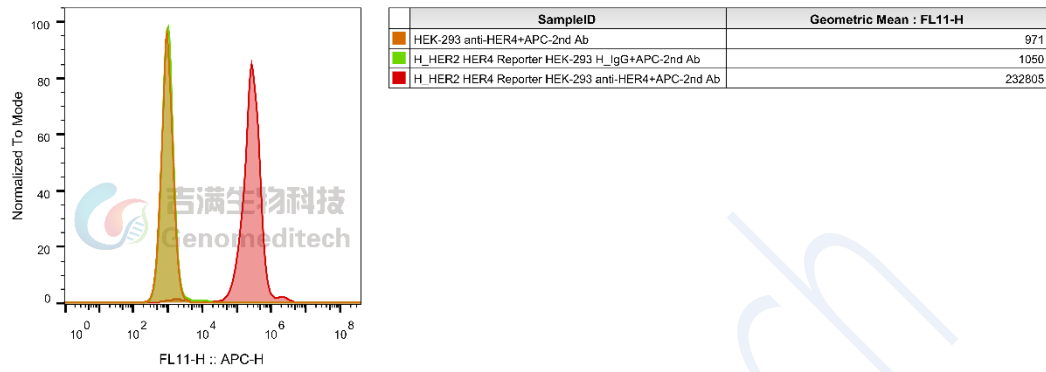

	SampleID	Geometric Mean : FL11-H
■	HEK-293 anti-HER4+APC-2nd Ab	971
■	H_HER2 HER4 Reporter HEK-293 H_IgG+APC-2nd Ab	1050
■	H_HER2 HER4 Reporter HEK-293 anti-HER4+APC-2nd Ab	232805

Fig. FACS

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