

Anti-ITGB4 hlgG1 Antibody(H86.2)

Product information

GM-88291AB-10	10 µg
GM-88291AB-100	100 µg
GM-88291AB-1000	1 mg

Antibody Information

Species Reactivity	Human
Clone	H86.2
Source/Isotype	Human IgG1,Kappa
Application	Flow Cytometry
Target	Detects ITGB4
Gene	ITGB4
Other Names	CD104, GP150, JEB5A, JEB5B
Gene ID	3691 (Human)
Background	The ITGB4 gene, located in region 25 of the long arm of human chromosome 17, encodes an integrin B4 transmembrane glycoprotein that binds to the α6 subunit to form the laminin receptor complex, which is responsible for the formation of the laminin receptor complex, through the regulation of FAK/SRC, EGFR-AKT and other signaling pathways involved in cell adhesion, migration and tumor biological processes. Its mutations are directly related to genetic diseases such as epidermolysis bullosa with pyloric atresia, while playing a key role in the mechanisms of malignant tumors such as colorectal cancer resistance, prostate cancer progression, non-small-cell lung carcinoma metastasis, etc. , its expression level is significantly correlated with tumor invasion and prognosis, and it is an important target for tumor treatment and prognosis evaluation.
Storage	Store at 2-8°C short term (1-2 weeks).Store at ≤ -20°C long term. Avoid repeated freeze-thaw.
Formulation	Supplied as a 0.2 µm filtered solution of PBS, pH7.2-7.4.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

Data Examples

Flow cytometry

H_ITGB4 CHO-K1 Cell Line (Catalog # GM-C41956) was stained with Anti-ITGB4 hlgG1 Antibody(H86.2) (Catalog # GM-88291AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.

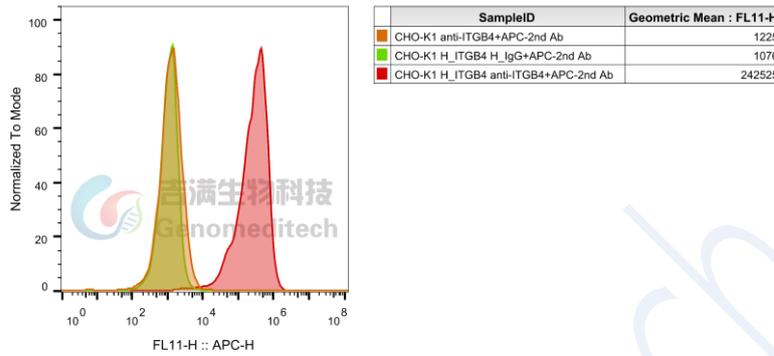


Fig. FACS