

Anti-VEGFR-1 hlgG1 Antibody (Icrucumab)

Product information

GM-88109AB-10	10 µg
GM-88109AB-100	100 µg
GM-88109AB-1000	1 mg

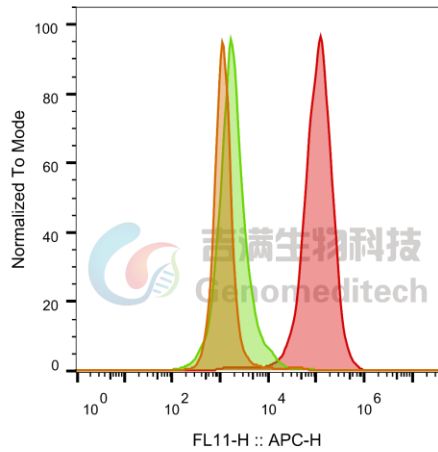
Antibody Information

Species Reactivity	Human
Clone	Icrucumab
Source/Isotype	hlgG1,K214R/D356E/L358M, Kappa
Application	Flow Cytometry
Target	Detects VEGFR-1
Gene	VEGFR-1
Other Names	VEGFR1
Gene ID	9606 (Human)
Background	Vegfr-1(Vascular Endothelial Growth Factor Receptor 1) encodes a Receptor tyrosine kinase that belongs to the VEGFR family and is involved in angiogenesis and Vascular permeability regulation. The main ligands of this gene are VEGF-A, VEGF-B, PLGF (placental growth factor) , etc. . After binding, it activates its intracellular kinase activity, recruits and activates downstream signaling pathways (such as PI3K-AKT, RAS-ERK, PLC γ, SRC, etc.) , promote Endothelium proliferation, migration, survival and lumen formation.
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_VEGFR1 CHO-K1 Cell Line (Catalog # GM-C41568) was stained with Anti-VEGFR-1 hIgG1 Antibody (Icrucumab) (Catalog # GM-88109AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.



SampleID	Geometric Mean : FL11-H
CHO-K1 anti-VEGFR-1+APC-2nd Ab	1243
CHO-K1 H_VEGFR1 H_IgG+APC-2nd Ab	1858
CHO-K1 H_VEGFR1 anti-VEGFR-1+APC-2nd Ab	102714

Fig. FACS