

Anti-GFRAL hIgG1 Antibody(NGM-120)

Product information

GM-77399AB-10	10 µg
GM-77399AB-100	100 µg
GM-77399AB-1000	1 mg

Antibody Information

Species Reactivity	Human;
Clone	NGM-120
Source/Isotype	Monoclonal human IgG1, κ
Application	Bioactivity-ELISA; FACS
Specificity	Detects GFRAL
Gene	GFRAL
Other Names	C6orf144, GRAL, UNQ9356, bA360D14.1
Gene ID	389400 (human);
Background	GFRAL (GDNF Family Receptor Alpha Like) encodes a receptor protein associated with the GDNF (Glial Cell Line-Derived Neurotrophic Factor) family. NGM120 is a monoclonal antibody developed by the biopharmaceutical company NGM Biopharmaceuticals, specifically targeting the GFRAL-GDF15 signaling pathway. It works by blocking the binding of GDF15 to its receptor GFRAL, thereby inhibiting the activation of this signaling pathway. The development of NGM120 is primarily aimed at addressing cancer cachexia and certain metabolic diseases, while also exploring its potential role in cancer treatment.
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.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

Version:3.1

Data Examples

Bioactivity-ELISA

Biotinylated Human GFRAL Protein; His-Avi Tag (Catalog # GM-87632RP) was immobilized at 1 µg/ml (100 µL/well) on streptavidin precoated. Increasing concentrations of Anti-GFRAL hIgG1 Antibody (NGM-120) (Catalog # GM-77399AB) were added.

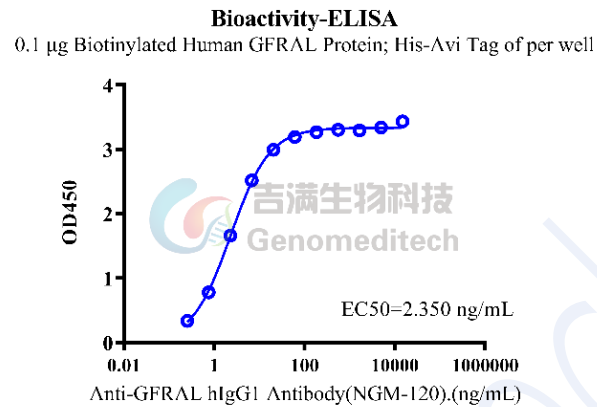


Fig. ELISA

Flow Cytometry

H_GFRAL CHO-K1 Cell Line V2 clone (Genomeditech/GM-C46216) was stained with Anti-GFRAL hIgG1 Antibody(NGM-120)(Genomeditech/GM-77399AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.

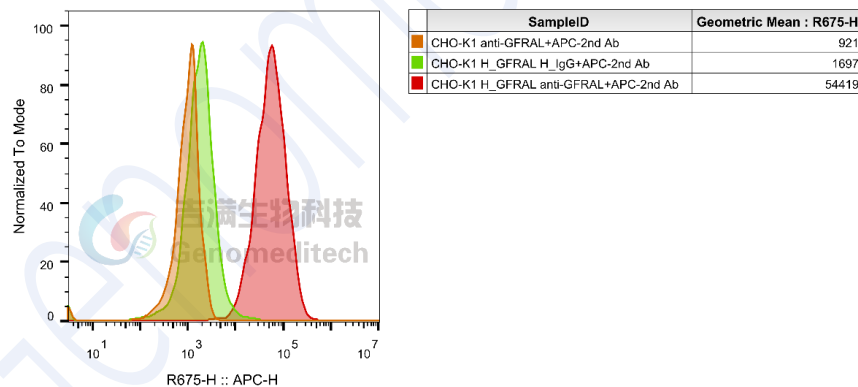


Fig. FACS