

Anti-IL1A hlgG4 Antibody(vilamakitug)

Product information

GM-88364AB-10	10 µg
GM-88364AB-100	100 µg
GM-88364AB-1000	1 mg

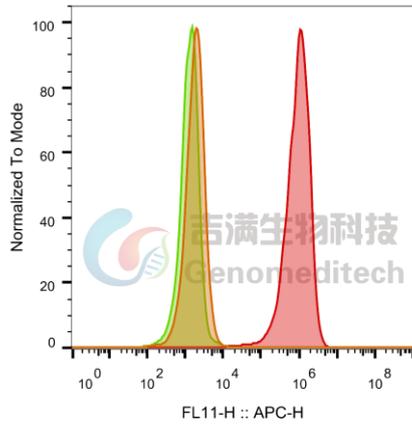
Antibody Information

Species Reactivity	Human, Cynomolgus
Clone	vilamakitug
Source/Isotype	Human IgG4(S228P), Kappa
Application	Flow Cytometry; Bioactivity-ELISA
Target	Detects IL1A
Gene	IL1A
Other Names	IL-1 alpha, IL-1A, IL1, IL1-ALPHA, IL1F1
Gene ID	3552 (human); 9541 (Cynomolgus)
Background	The Interleukin-1 alpha gene, located on chromosome 2, encodes the Interleukin-1 alpha protein and belongs to MedlinePlus, a member of the IL-1 cytokine family. The IL1A gene encodes il-1 α , a key molecule linking innate and adaptive immunity, which plays a central role in inflammation and tumorigenesis. Vilamakitug (XB-2001) is a human igg4k monoclonal antibody against il-1 α , which provides a new therapeutic option for il-1 α -related diseases, especially in the treatment of purulent hidradenitis and pancreatic cancer.
Storage	Store at 2-8°C short term (1-2 weeks).Store at \leq -20°C long term. Avoid repeated freeze-thaw.
Formulation	Supplied as a 0.2 µm filtered solution of PBS, pH 7.2-7.4.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

Data Examples

Flow cytometry

Membrane bound H_IL-1 α HEK-293 Cell Line (Catalog # GM-C42363) was stained with Anti-IL1A hlgG4 Antibody(vilamakitung) (Catalog # GM-88364AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.



SampleID	Geometric Mean : FL11-H
HEK-293 anti-IL1A+APC-2nd Ab	1772
HEK-293 Membrane bound H_IL-1 α H_IgG+APC-2nd Ab	1291
HEK-293 Membrane bound H_IL-1 α anti-IL1A+APC-2nd Ab	8.77E5

Fig. FACS

Bioactivity-ELISA

Cynomolgus IL-1 alpha Protein; His Tag (Catalog # GM-88338RP) was immobilized at 2 μ g/ml (100 μ L/well). Increasing concentrations of Anti-IL1A hlgG4 Antibody (vilamakitung) (Catalog # GM-88364AB) were added.

Bioactivity-ELISA

0.2 μ g Cynomolgus IL-1 alpha Protein; His Tag of per well

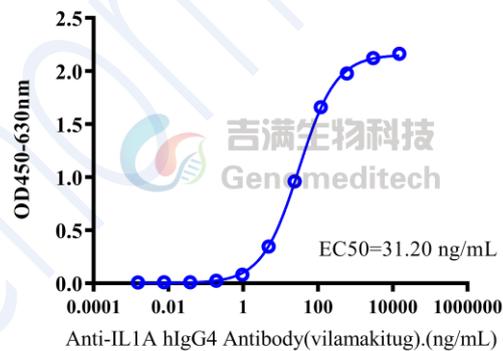


Fig. ELISA