

# Anti-IL33 hlgG4 Antibody(Itepekimab)

## Product information

GM-31628AB-10	10 µg
GM-31628AB-100	100 µg
GM-31628AB-1000	1 mg

## Antibody Information

Species Reactivity	Human
Clone	Itepekimab
Source/Isotype	Monoclonal Human IgG1 /k
Application	Block assay
Specificity	Detects IL33
Gene	IL33
Other Names	DVS27; IL1F11; NF-HEV; NFEHEV; C9orf26
Gene ID	90865
Background	Interleukin 33 (IL-33) is a protein that in humans is encoded by the IL33 gene. Interleukin 33 is a member of the IL-1 family that potently drives production of T helper-2 (Th2)-associated cytokines. IL-33 is expressed by a wide variety of cell types, including fibroblasts, mast cells, dendritic cells, macrophages, osteoblasts, endothelial cells, and epithelial cells.IL-33 induces helper T cells, mast cells, eosinophils and basophils to produce type 2 cytokines.
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

## Data Examples

Block assay

Anti-IL33 hlgG4 Antibody(Itepekimab) (Catalog # GM-31628AB) inhibits H\_IL33 Reporter 293 Cell Line (Catalog # GM-C12812) Luminescence induced by Interleukin 33 Protein. IC50 for this effect is 0.2521 µg/mL.

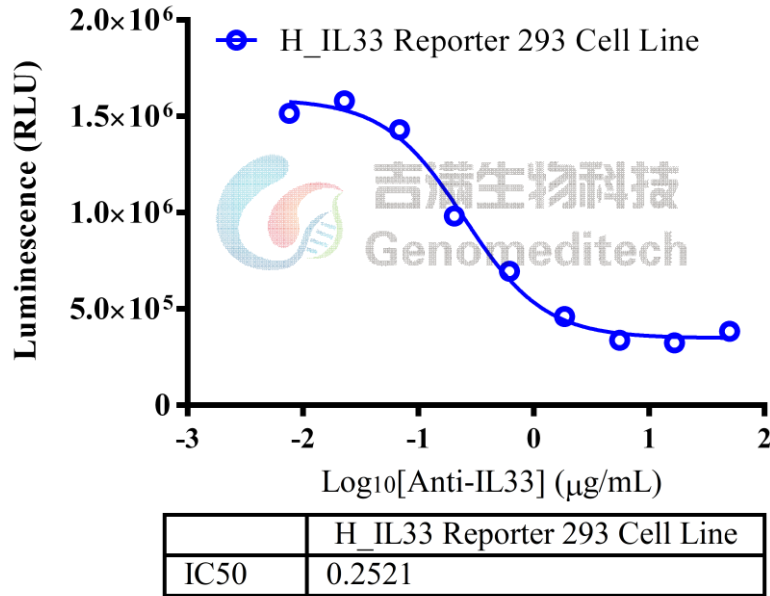


Fig 1. Assay