

Biotinylated Human IgE Isotype Control; His-Avi Tag (Anti-RSV)

Product Information

GM-88131AB-25	25 µg
GM-88131AB-200	200 µg

Antibody Information

Species Reactivity	Human
Clone	/
Source	Biotinylated Human IgE Isotype Control; His-Avi Flag Tag (Anti-RSV) (GM-88131AB) is expressed from human 293 cells (HEK-293). This protein carries a His-Avi tag at the N-terminus.
Isotype	Monoclonal human IgE, κ
Application	Activation assay; Bioactivity-ELISA
Specificity	Detects RSV
Gene	/
Other Names	/
Background	A homologous control antibody is an antibody that is used to control the target antibody in an experiment. The homologous control antibody should have the same immunoglobulin type and concentration as the test antibody, but not have the same specificity as the target antibody. It is often used to help researchers distinguish between non-specific signals and background signals in experiments to ensure the accuracy and reliability of experimental results.
Storage	Store at 2-8°C short term (1-2 weeks). Store at ≤ -70°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

Activation assay

Biotinylated Human IgE Isotype Control; His-Avi Flag Tag (Anti-RSV) (Catalog # GM-88131AB) stimulates FcεRIα Reporter RBL-2H3 Cell Line (Catalog # GM-C40137) Luminescence blended with Streptavidin. EC50 for this effect is 0.3004 µg/mL.

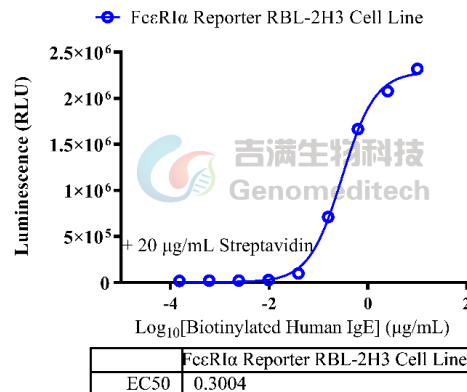


Fig . assay

Bioactivity-ELISA

Human FCER1A Protein; His Tag (Catalog # GM-88156RP) was immobilized at 5 µg/ml (100 µL/well). Increasing concentrations of Biotinylated Human IgE Isotype Control; His-Avi Tag (Anti-RSV) (Catalog # GM-88131AB) were added.

Bioactivity-ELISA

0.5 µg Human FCER1A Protein; His Tag of per well

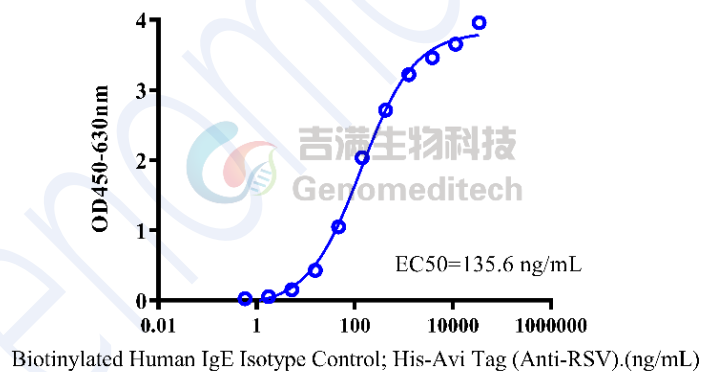


Fig . assay

Bioactivity-ELISA

Human FCER2(CD23) Protein; His Tag (Catalog # GM-88157RP) was immobilized at 5 µg/ml (100 µL/well). Increasing concentrations of Biotinylated Human IgE Isotype Control; His-Avi Tag (Anti-RSV) (Catalog # GM-88131AB) were added.

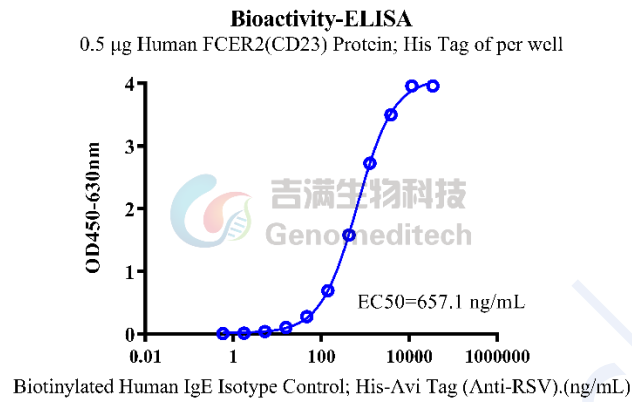


Fig. Assay