

Anti-IL1R1 hlgG1 Antibody(AMG 108)

Product information

GM-51990AB-10	10 µg
GM-51990AB-100	100 µg
GM-51990AB-1000	1 mg

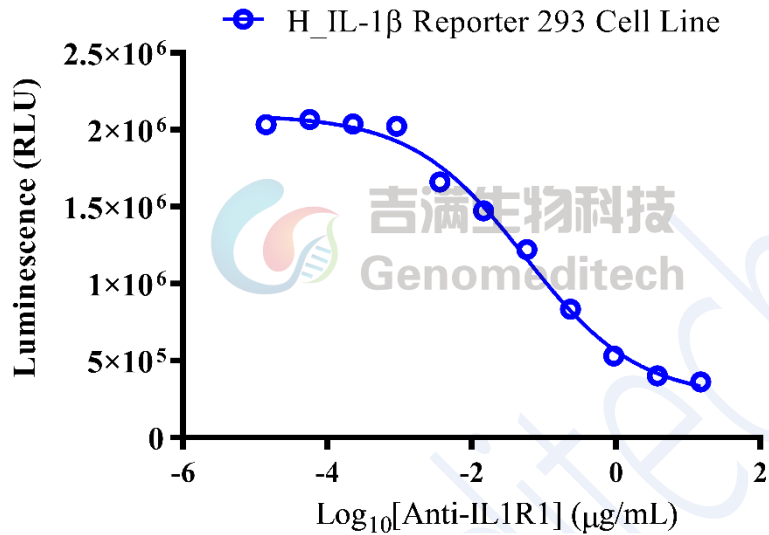
Antibody Information

Species Reactivity	Human;
Clone	AMG 108
Source/Isotype	Monoclonal human IgG1, κ
Application	Block
Specificity	Detects IL1R1
Gene	IL1R1
Other Names	CD121A, D2S1473, IL-1R-alpha, IL1R, IL1RA, P80
Gene ID	3554
Background	nterleukin 1 receptor, type I (IL1R1) also known as CD121a (Cluster of Differentiation 121a), is an interleukin receptor. IL1R1 also denotes its human gene. The protein encoded by this gene is a cytokine receptor that belongs to the interleukin-1 receptor family. This protein is a receptor for interleukin 1 alpha (IL1A), interleukin 1 beta (IL1B), and interleukin 1 receptor antagonist (IL1RA). It is an important mediator involved in many cytokines induced immune and inflammatory responses. This gene along with interleukin 1 receptor, type II (IL1R2), interleukin 1 receptor-like 2 (IL1RL2), and interleukin 1 receptor-like 1 (IL1RL1) form a cytokine receptor gene cluster in a region mapped to chromosome 2q12.
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-IL1R1 hlgG1 Antibody (Catalog # GM-51990AB) inhibits
 H_IL-1 β Reporter 293 Cell Line (Catalog # GM-C26463)
 Luminescence induced by Human IL-1 beta / IL1B Protein.
 IC50 for this effect is 0.05480 $\mu\text{g}/\text{mL}$.



	H_IL-1 β Reporter 293 Cell Line
IC50	0.05480

Fig. assay