

## Anti-PD1 hlgG1 Antibody(Peresolimab)

### Product information

GM-87951AB-10	10 µg
GM-87951AB-100	100 µg
GM-87951AB-1000	1 mg

### Antibody Information

Species Reactivity	Human
Clone	Peresolimab
Source/Isotype	Human IgG1, Kappa
Application	Block assay ; Activation assay
Specificity	Detects PD1
Gene	PD1
Other Names	PDCD1, CD279, SLEB2
Gene ID	5133 (human)
Background	Peresolimab is a humanized IgG1-κ monoclonal antibody that targets programmed death receptor 1(PD-1) as a PD-1 agonist with a molecular weight of approximately 145.16 kDa, which inhibits t-cell activation by activating PD-1 downstream signaling pathways, leading to the activation of PD-1 signaling pathways, it is suitable for the study of autoimmune diseases such as rheumatoid arthritis. Its chemical structure is a PD-1/PD-L1 pathway modulator, which belongs to the class of immunomodulatory biological agents, storage and transportation need to be strictly controlled to maintain activity.
Storage	Store at 2-8°C short term (1-2 weeks).Store at ≤ -20°C long term. Avoid repeated freeze-thaw.
Formulation	Supplied as a 0.2 µm filtered solution of PBS, pH7.2-7.4.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

## Data Examples

Block assay

Anti-PD1 hlgG1 Antibody(Peresolimab) (Catalog # GM-87951AB) inhibits H\_PD-1 Reporter Jurkat Cell Line (Catalog # GM-C07928) Luminescence induced by H\_CD32B aAPC CHO-K1 Cell Line (Catalog # GM-C25754). IC50 for this effect is 0.01836 µg/mL.

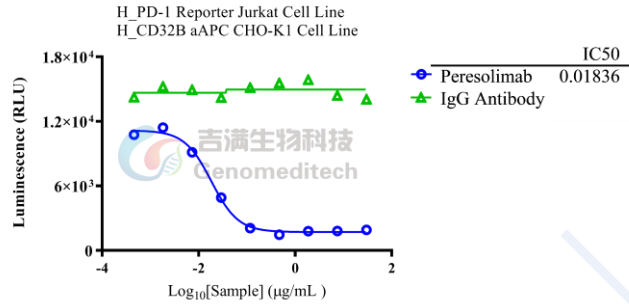


Fig. assay

Activation assay

Anti-PD1 hlgG1 Antibody(Peresolimab) (Catalog # GM-87951AB) stimulates ADCC FcγRIIIa(158V) Jurkat Effector Cell Line (Catalog # GM-C05619) Luminescence blended with H\_PD-1(PD-1) CHO-K1 Cell Line (Catalog # GM-C09097). EC50 for this effect is 0.01266 µg/mL.

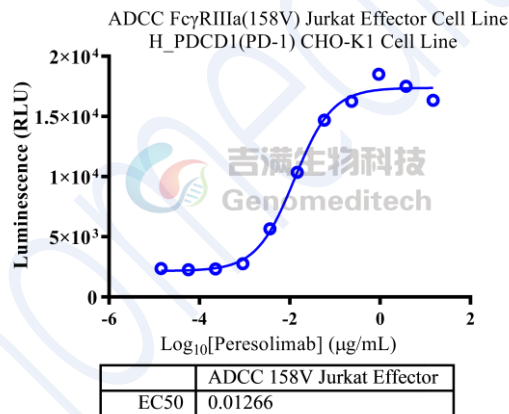


Fig. assay