

## Anti-PD1 mIgG2a Antibody(Rosnilimab)

### Product information

GM-87956AB-10	10 µg
GM-87956AB-100	100 µg
GM-87956AB-1000	1 mg

### Antibody Information

Species Reactivity	Human
Clone	Rosnilimab
Source/Isotype	Monoclonal Mouse IgG2a, κ
Application	Block assay
Specificity	Detects PD1
Gene	PD1
Other Names	CD279, PD-1, PDCD1, SLEB2, hPD-1, hPD-I, hSLE1
Gene ID	5133 (Human)
Background	Programmed cell death protein-1 (PD-1) is an inhibitory immune checkpoint primarily expressed by immune cells. In the tumor microenvironment, PD-1 binds to its ligands PD-L1 and PD-L2, inhibiting T cell activation and proliferation, which allows tumor cells to evade immune system surveillance. As a novel agonist, Rosnilimab offers a new approach for T cell immune activation and may open new avenues for the treatment of tumors and autoimmune diseases.
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 7.2-7.4.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

## Data Example

Block assay

Anti-PD1 mIgG2a Antibody(Rosnilimab) (Catalog # GM-87956AB) inhibits  
 H\_PD-1 Reporter Jurkat Cell Line (Catalog # GM-C07928) Luminescence  
 induced by Mouse\_FcgRIV FcgRIIb aAPC CHO-K1 Cell Line (Catalog # GM-C40204).  
 IC50 for this effect is 0.006326 µg/mL.

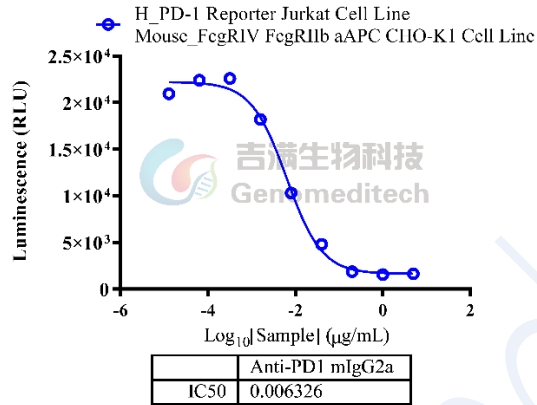


Fig. assay