

## Anti-PD1 hlgG1 Antibody(Rosnilimab)

### Product information

GM-87952AB-10	10 µg
GM-87952AB-100	100 µg
GM-87952AB-1000	1 mg

### Antibody Information

Species Reactivity	Human
Clone	Rosnilimab
Source/Isotype	Monoclonal human IgG1/k
Application	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 Examples

### Assay

Response to Rosnilimab (Catalog # GM-87952AB). Serial dilutions of the Rosnilimab was incubated with 1E4 cells/well of the H\_CD32B aAPC CHO-K1 Cell Line (Cat. GM-C25754) in a 96-well plate for 1 hour. Subsequently, H\_PD-1 Reporter Jurkat Cell Line (Cat. GM-C07928) with a concentration of 1E5 cells/well was added, and the co-culture proceeded for an additional 6 hours in assay buffer (RPMI 1640 + 1% FBS + 1% P.S). Firefly luciferase activity is then measured using the GMPOne-Step Luciferase Reporter Gene Assay Kit (Cat. GM-040503).

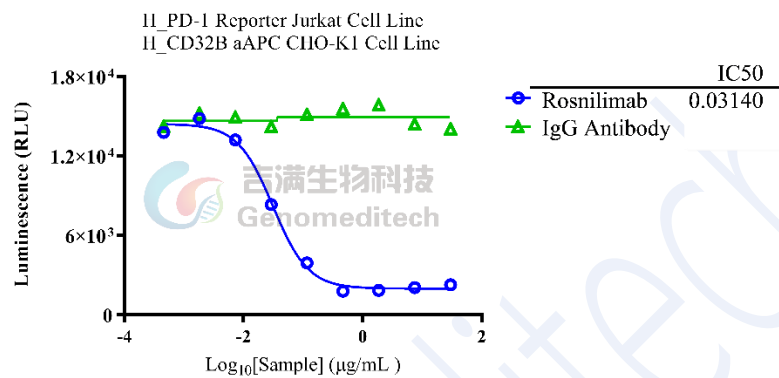


Fig. assay