

## Anti-IL18RB hlgG1 Antibody (P20-V1)

### Product information

GM-88328AB-10	10 µg
GM-88328AB-100	100 µg
GM-88328AB-1000	1 mg

### Antibody Information

Species Reactivity	Human
Clone	P20-V1
Source/Isotype	Human IgG1(K214R, L234A, L235E ,G237A, D356E, L358M, delta447K), Kappa
Application	Bioactivity-ELISA
Target	Detects IL18RB
Gene	IL18RB
Other Names	ACPL, CD218b, CDw218b, IL-18R-beta, IL-18RAcP, IL-18Rbeta, IL-1R-7, IL-1R7, IL-1RacPL, IL18RAP
Gene ID	8807 (Human)
Background	The IL-18R $\beta$ chain encoded by the IL18RB gene is a key component of the IL-18 signaling pathway that, together with IL-18R $\alpha$ , constitutes an active receptor complex that mediates IL-18-induced proinflammatory and immunomodulatory responses. The research background of this gene and its pathway is profound, involving innate immunity, inflammatory regulation and energy metabolism balance, and is closely related to many diseases such as autoimmune diseases, infectious diseases and cancer, is an important therapeutic target.
Storage	Store at 2-8°C short term (1-2 weeks).Store at $\leq$ -20°C long term. Avoid repeated freeze-thaw.
Formulation	Supplied as a 0.2 µm filtered solution of PBS, pH 7.2-7.4.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

## Data Examples

Bioactivity-ELISA

Human IL-18R beta Protein; hFc Tag (Catalog # GM-88314RP) was immobilized at 2 µg/ml (100 µL/well). Increasing concentrations of Anti-IL18RB hIgG1 Antibody (P20-V1) (Catalog # GM-88328AB) were added.

### Bioactivity-ELISA

0.2 µg Human IL-18R beta Protein; hFc Tag of per well

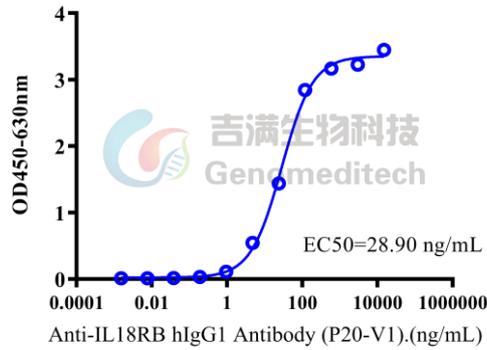


Fig. ELISA

Bioactivity-ELISA

Biotinylated Human IL-18R beta Protein; hFc-Avi Tag (Catalog # GM-88360RP) was immobilized at 2 µg/ml (100 µL/well) on streptavidin pre-coated. Increasing concentrations of Anti-IL18RB hIgG1 Antibody (P20-V1) (Catalog # GM-88328AB) were added.

### Bioactivity-ELISA

0.2 µg Biotinylated Human IL-18R beta Protein; hFc-Avi Tag of per well

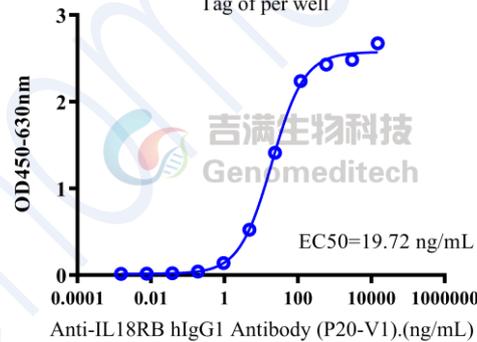


Fig. ELISA