

# Anti-IL18RA mIgG1 Antibody(1G12)

## Product information

GM-88327AB-10	10 µg
GM-88327AB-100	100 µg
GM-88327AB-1000	1 mg

## Antibody Information

Species Reactivity	Human
Clone	1G12
Source/Isotype	Mouse IgG1, Kappa
Application	Bioactivity-ELISA
Target	Detects IL18RA
Gene	IL18RA
Other Names	CD218a, CDw218a, IL-18R-alpha, IL-18Ralpha, IL-1Rrp, IL18R1, IL18Ralpha2, IL1RRP
Gene ID	8809 (Human)
Background	The IL18RA gene encodes interleukin-18 receptor $\alpha$ (IL-18R $\alpha$ ), which, as a member of the IL-1 receptor family, is a core regulatory node of the IL-18 signaling pathway. The protein encoded by this gene is composed of 515 amino acids, including extracellular domain, transmembrane domain and intracellular TIR domain. It activates nf-kb and MAPK signaling pathway by forming a complex with coreceptor IL-18R $\beta$ , regulation of innate and adaptive immune responses. IL-18RA is widely expressed in synovial fibroblasts, T cells, B cells, myeloid monocytes, etc., its abnormal activation is closely related to autoimmune diseases such as rheumatoid arthritis, systemic lupus erythematosus and psoriasis
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 alpha Protein; hFc Tag (Catalog # GM-88313RP) was immobilized at 2 µg/ml (100 µL/well). Increasing concentrations of Anti-IL18RA mIgG1 Antibody(1G12) (Catalog # GM-88327AB) were added.

### Bioactivity-ELISA

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

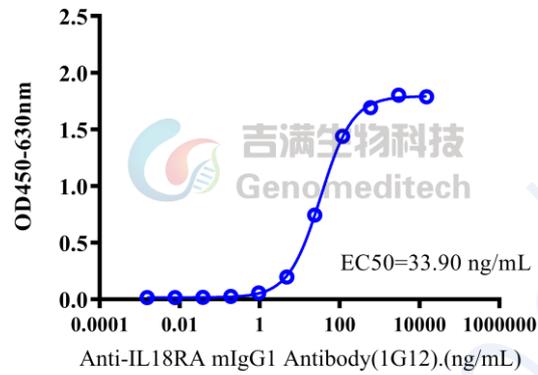


Fig. ELISA