

## Anti-INSR hlgG1 Antibody(XPA.15.247.2.018)

### 产品信息

GM-51390AB-10	10 µg
GM-51390AB-100	100 µg
GM-51390AB-1000	1 mg

### 抗体信息

Species Reactivity	Human;
Clone	XPA.15.247.2.018
Source/Isotype	Monoclonal human IgG1/k
Application	Block assay
Specificity	Detects INSR
Gene	INSR
Other Names	HHF5; CD220
Gene ID	3643
Background	This gene encodes a member of the receptor tyrosine kinase family of proteins. The encoded preproprotein is proteolytically processed to generate alpha and beta subunits that form a heterotetrameric receptor. Binding of insulin or other ligands to this receptor activates the insulin signaling pathway, which regulates glucose uptake and release, as well as the synthesis and storage of carbohydrates, lipids and protein. Mutations in this gene underlie the inherited severe insulin resistance syndromes including type A insulin resistance syndrome, Donohue syndrome and Rabson-Mendenhall syndrome.
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.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

Version:3.1

## Data Examples

Block assay

Anti-INSR hlgG1 Antibody(XPA.15.247.2.018) (Catalog # GM-51390AB) inhibits Insulin Receptor B(IRB) Reporter Cell Line (Catalog # GM-C26180) Luminescence induced by Insulin. IC50 for this effect is 0.1009  $\mu\text{g}/\text{mL}$ .

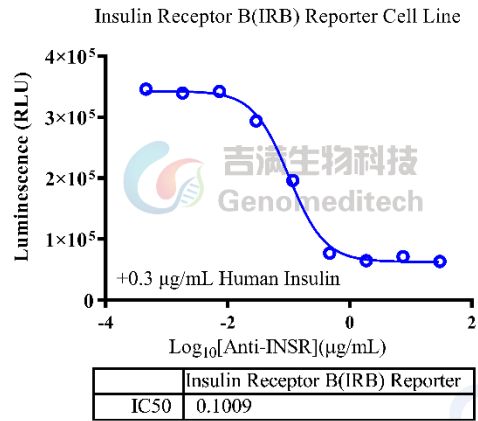


Fig. assay

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