

For Research Use Only

Anti-Human INSR/CD220 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98227-1-PBS



Basic Information

Catalog Number:

98227-1-PBS

Concentration:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC117172

GeneID (NCBI):

3643

UNIPROT ID:

P06213

Full Name:

INSR

Purification Method:

Protein A purification

CloneNo.:

241687A10

Applications

Tested Applications:

FC

Species Specificity:

human

Background Information

The biological effects of INS are mediated by a membrane-spanning cell surface receptor that has been shown to consist of disulfide-linked alpha-subunits (135 kDa) and beta-subunits (95 kDa) that are cleaved products of a common precursor. The binding of INS to the receptor extracellular domain results in intracellular activation of a tyrosine-specific kinase activity and the generation of signals that determine the cellular response (PMID: 2369896).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

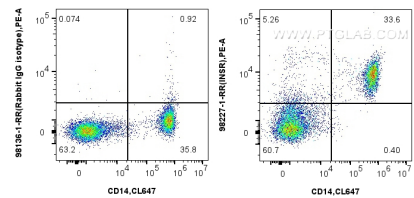
T: 4006900926

E: Proteintech-CN@ptglab.com

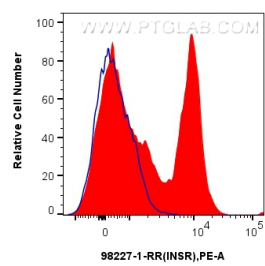
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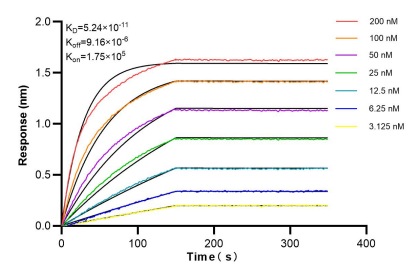
Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human INSR/CD220 Rabbit Recombinant Antibody (98227-1-RR, Clone: 241687A10) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) and PE-Conjugated Goat Anti-Rabbit IgG. Cells were co-stained with CoraLite® Plus 647 Anti-Human CD14. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. This data was developed using the same antibody clone.



1x10⁶ FC receptor blocked human PBMCs were surface stained with 0.25 ug Anti-Human INSR/CD220 Rabbit Recombinant Antibody (98227-1-RR, Clone:241687A10) (red) or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed. This data was developed using the same antibody clone with 98227-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 98227-1-RR against Human INSR/CD220 were performed. The affinity constant is 52.4 pM.