

For Research Use Only

Anti-Human IL-22RA1 Rabbit Recombinant Antibody

Catalog Number: 98684-1-RR



Basic Information

Catalog Number:

98684-1-RR

Size:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG5132

GenBank Accession Number:

BC029273

GeneID (NCBI):

58985

UNIPROT ID:

Q8N6P7

Full Name:

interleukin 22 receptor, alpha 1

Calculated MW:

574 aa, 63 kDa

Purification Method:

Protein A purification

CloneNo.:

252165B7

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : COLO 205 cells,

Background Information

Interleukin-22 (IL-22), a member of the IL-10 family of cytokines, is important for the modulation of tissue responses during inflammation. IL-22 receptor is a heterodimer of the IL-10RB and IL-22RA1. IL-22RA1 belongs to the class II cytokine receptor family. It is expressed in a limited number of tissues including skin, colon, liver, lung, pancreas and kidney. The expression is lack in immune cells such as monocytes, T cells, and NK cells (PMID: 15308104). IL-22RA1 can also form a receptor for IL-20 and IL-24 with IL20RB (PMID: 23793061).

Storage

Storage:

Store at 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

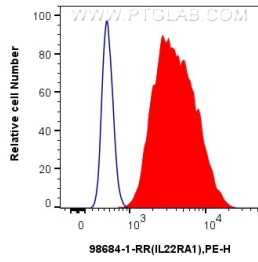
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

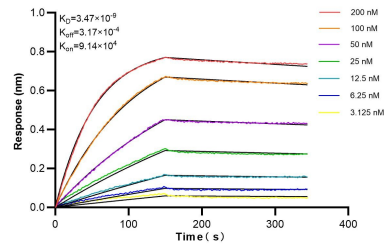
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1×10^6 COLO 205 cells were surface stained with 0.25 μ g Anti-Human IL22RA1 Rabbit RecAb (98684-1-RR, Clone:252165B7)(red), or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.



Biolayer interferometry (BLI) kinetic assays of 98684-1-RR against Human IL-22RA1 were performed. The affinity constant is 3.47 nM.