

For Research Use Only

Anti-Human IL-22RA1 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98684-1-PBS



Basic Information

Catalog Number: 98684-1-PBS	GenBank Accession Number: BC029273	Purification Method: Protein A purification
Concentration: 1mg, 3 mg/ml	GeneID (NCBI): 58985	CloneNo.: 252165B7
Source: Rabbit	UNIPROT ID: Q8N6P7	
Isotype: IgG	Full Name: interleukin 22 receptor, alpha 1	
Immunogen Catalog Number: EG5132	Calculated MW: 574 aa, 63 kDa	

Applications

Tested Applications:
FC

Species Specificity:
human

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 -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:

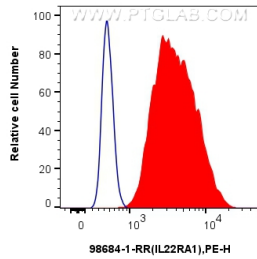
T: 4006900926

E: Proteintech-CN@ptglab.com

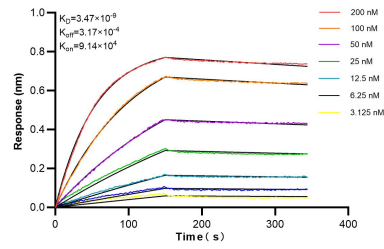
W: ptgcn.com

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Selected Validation Data



1x10⁶ COLO 205 cells were surface stained with 0.25 ug 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. This data was developed using the same antibody clone with 98684-1-PBS in a different storage buffer formulation.



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