

For Research Use Only

Anti-Human IL-22RA1 Rabbit Recombinant Antibody

Catalog Number: 98684-1-RR



Basic Information

Catalog Number: 98684-1-RR	GenBank Accession Number: BC029273	Purification Method: Protein A purification
Concentration: 100ug, 1000 µg/ml	GeneID (NCBI): 58985	CloneNo.: 252165B7
Source: Rabbit	UNIPROT ID: Q8N6P7	Recommended Dilutions: FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: interleukin 22 receptor, alpha 1	
Immunogen Catalog Number: EG5132	Calculated MW: 574 aa, 63 kDa	

Applications

Tested Applications: FC	Positive Controls: FC : COLO 205 cells,
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 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:

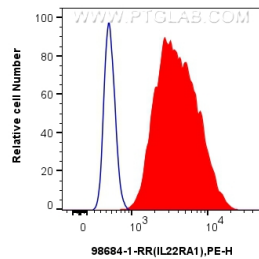
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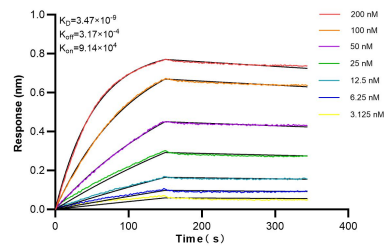
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Selected Validation Data



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.