

For Research Use Only

CoraLite® Plus 488-conjugated IL-22RA1 Polyclonal antibody



Catalog Number: CL488-13462

Basic Information

Catalog Number: CL488-13462	GenBank Accession Number: BC029273	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 58985	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Source: Rabbit	UNIPROT ID: Q8N6P7	
Isotype: IgG	Full Name: interleukin 22 receptor, alpha 1	
Immunogen Catalog Number: AG4056	Calculated MW: 574 aa, 63 kDa	
	Observed MW: 63-68 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human, mouse, rat

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 -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

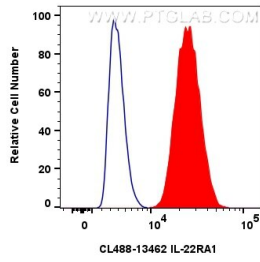
For technical support and original validation data for this product please contact:

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

Selected Validation Data



1x10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human IL-22RA1 (CL488-13462)(red), or 0.4 ug CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).