

For Research Use Only

IL-22RA1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87197-1-PBS



Basic Information

Catalog Number: 87197-1-PBS	GenBank Accession Number: BC029273	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 58985	CloneNo.: 252165G11
Source: Rabbit	UNIPROT ID: Q8N6P7	
Isotype: IgG	Full Name: interleukin 22 receptor, alpha 1	
Immunogen Catalog Number: EG5132	Calculated MW: 574 aa, 63 kDa	
	Observed MW: 63 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

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.

Storage Buffer:
PBS only, pH7.3

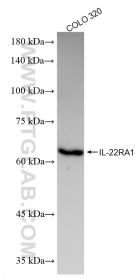
For technical support and original validation data for this product please contact:

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

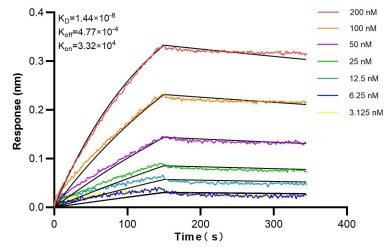
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



COLO 320 cells were subjected to SDS PAGE followed by western blot with 87197-1-RR (IL-22RA1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87197-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 87197-1-RR against Human IL-22RA1 were performed. The affinity constant is 14.4 nM.