

For Research Use Only

IL22RA2 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 86665-2-PBS



Basic Information

Catalog Number: 86665-2-PBS	GenBank Accession Number: NM_181309.1	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 116379	CloneNo.: 250314A8
Source: Rabbit	UNIPROT ID: Q969J5-2	
Isotype: IgG	Full Name: interleukin 22 receptor, alpha 2	
Immunogen Catalog Number: EG2825	Calculated MW: 27 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

86665-2-PBS targets IL22RA2 as part of a matched antibody pair:

MP02591-1: 86665-2-PBS capture and 86665-1-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

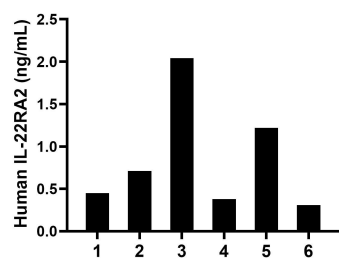
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

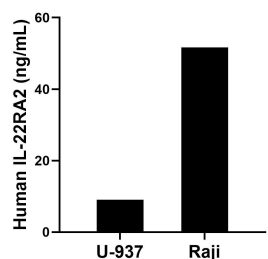
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

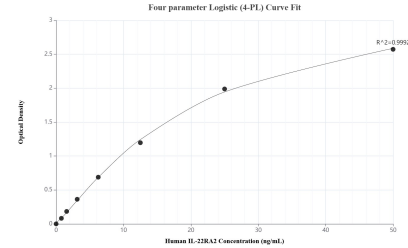
Selected Validation Data



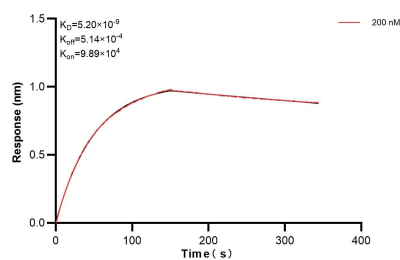
Plasma of six individual healthy human donors was measured. The IL-22RA2 concentration of detected samples was determined to be 0.85 ng/mL with a range of 0.38-2.04 ng/mL.



The mean IL-22RA2 concentration was determined to be 9.02 ng/mL in U-937 cell extract based on a 2.60 mg/mL extract load and 51.68 ng/mL in Raji cell extract based on a 1.30 mg/mL extract load.



Sandwich ELISA standard curve of MP02591-1, Human IL-22RA2 Recombinant Matched Antibody Pair - PBS only. 86665-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2825. 86665-1-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL.



Biolayer interferometry (BLI) kinetic assay of 86665-2-PBS against Human IL22RA2 was performed. The affinity constant is 5.20 nM.