

# IL-22RA2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP02591-1

## Capture Antibody Information

|                                                |                                     |                                                |
|------------------------------------------------|-------------------------------------|------------------------------------------------|
| Catalog Number:<br>86665-2-PBS                 | Clone ID:<br>250314A8               | Conjugate:<br>Unconjugated                     |
| Host:<br>Rabbit                                | Reactivity:<br>human                | Full name:<br>interleukin 22 receptor, alpha 2 |
| Isotype:<br>IgG                                | GenBank:<br>NM_181309.1             | Gene ID:<br>116379                             |
| Purification Method:<br>Protein A purification | Immunogen Catalog Number:<br>Eg2825 |                                                |

## Detection Antibody Information

|                                                |                                     |                                                |
|------------------------------------------------|-------------------------------------|------------------------------------------------|
| Catalog Number:<br>86665-1-PBS                 | Clone ID:<br>250314G9               | Conjugate:<br>Unconjugated                     |
| Host:<br>Rabbit                                | Reactivity:<br>human                | Full name:<br>interleukin 22 receptor, alpha 2 |
| Isotype:<br>IgG                                | GenBank:<br>NM_181309.1             | Gene ID:<br>116379                             |
| Purification Method:<br>Protein A purification | Immunogen Catalog Number:<br>Eg2825 |                                                |

## Applications

|                                        |                                           |                                                                                                                                    |
|----------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Tested Applications:<br>Sandwich ELISA | Range:<br>0.781-50 ng/mL (Sandwich ELISA) | Recommended Dilutions:<br>It is recommended that this reagent should be titrated in each testing system to obtain optimal results. |
|----------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|

## Product Information

MP02591-1 targets IL-22RA2 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: IL22RA2 Recombinant antibody, PBS Only (Capture) 86665-2-PBS (250314A8). 100 µg. Concentration 1 mg/mL.

Detection antibody: IL22RA2 Recombinant antibody, PBS Only (Detector) 86665-1-PBS (250314G9). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

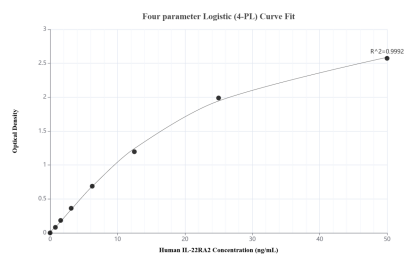
Antibody use should be optimized for each application and assay.

## Storage

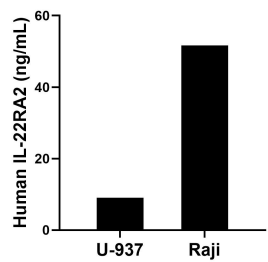
Storage:  
Store at -80°C.  
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage buffer:  
PBS only

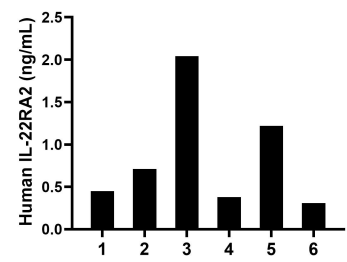
## Selected Validation Data



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.



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.



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.