

# IL-13Ra1/CD213a1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01382-2**

## Capture Antibody Information

<b>Catalog Number:</b> 84525-1-PBS	<b>Clone ID:</b> 241834E9	<b>Conjugate:</b> Unconjugated
<b>Host:</b> Rabbit	<b>Reactivity:</b> human	<b>Full name:</b> interleukin 13 receptor, alpha 1
<b>Isotype:</b> IgG	<b>GenBank:</b> BC009960	<b>Gene ID:</b> 3597
<b>Purification Method:</b> Protein A purification	<b>Immunogen Catalog Number:</b> Eg2320	

## Detection Antibody Information

<b>Catalog Number:</b> 84525-2-PBS	<b>Clone ID:</b> 241834F3	<b>Conjugate:</b> Unconjugated
<b>Host:</b> Rabbit	<b>Reactivity:</b> human	<b>Full name:</b> interleukin 13 receptor, alpha 1
<b>Isotype:</b> IgG	<b>GenBank:</b> BC009960	<b>Gene ID:</b> 3597
<b>Purification Method:</b> Protein A purification	<b>Immunogen Catalog Number:</b> Eg2320	

## Applications

<b>Tested Applications:</b> Cytometric bead array, Sandwich ELISA	<b>Range:</b> 0.781-100 ng/mL (Cytometric Bead Array) 0.781-50 ng/mL (Sandwich ELISA)	<b>Recommended Dilutions:</b> It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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## Product Information

MP01382-2 targets IL-13Ra1/CD213a1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: IL-13Ra1/CD213a1 Recombinant antibody, PBS Only (Capture) 84525-1-PBS (241834E9). 100 µg. Concentration 1 mg/mL.

Detection antibody: IL-13Ra1/CD213a1 Recombinant antibody, PBS Only (Detector) 84525-2-PBS (241834F3). 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.

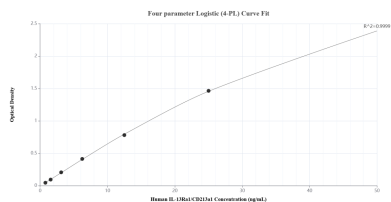
Antibody use should be optimized for each application and assay.

## Storage

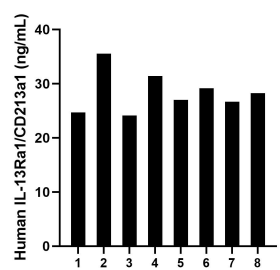
**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage buffer:**  
PBS only

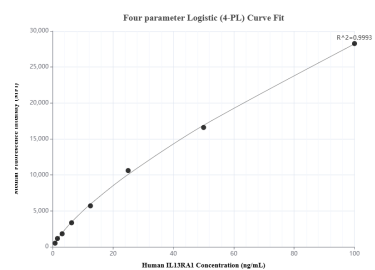
## Selected Validation Data



Sandwich ELISA standard curve of MP01382-2, Human IL-13Ra1/CD213a1 Recombinant Matched Antibody Pair - PBS only. 84525-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2320. 84525-2-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL



Serum of eight individual healthy human donors was measured. The IL-13Ra1/CD213a1 concentration of detected samples was determined to be 28.36 ng/mL with a range of 24.15-35.54 ng/mL



Cytometric bead array standard curve of MP01382-2, IL-13Ra1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84525-1-PBS. Detection antibody: 84525-2-PBS. Standard: Eg2320. Range: 0.781-100 ng/mL