

# TRPS1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00096-2**

## Capture Antibody Information

**Catalog Number:**  
83062-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
230051F12  
**Reactivity:**  
human  
**GenBank:**  
BC125020  
**Immunogen Catalog Number:**  
Ag33959

**Conjugate:**  
Unconjugated  
**Full name:**  
trichorhinophalangeal syndrome I  
**Gene ID:**  
7227  
**Affinity:**  
 $K_D = 4.73 \times 10^{-11}$   
 $K_{Off} = 1.63 \times 10^{-5}$   
 $K_{On} = 3.44 \times 10^5$

## Detection Antibody Information

**Catalog Number:**  
83062-1-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
230051F11  
**Reactivity:**  
human  
**GenBank:**  
BC125020  
**Immunogen Catalog Number:**  
Ag33959

**Conjugate:**  
Unconjugated  
**Full name:**  
trichorhinophalangeal syndrome I  
**Gene ID:**  
7227  
**Affinity:**  
 $K_D = 5.92 \times 10^{-10}$   
 $K_{Off} = 1.98 \times 10^{-4}$   
 $K_{On} = 3.35 \times 10^5$

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
1.25-20 ng/mL (Cytometric Bead Array)

**Recommended Dilutions:**  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP00096-2 targets TRPS1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: TRPS1 Recombinant antibody, PBS Only 83062-2-PBS (230051F12). 100 µg. Concentration 1 mg/mL.

Detection antibody: TRPS1 Recombinant antibody, PBS Only (Capture) 83062-1-PBS (230051F11). 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.

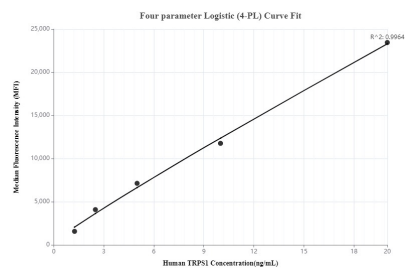
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

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



Cytometric bead array standard curve of MP00096-2, TRPS1 Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83062-2-PBS. Detection antibody: 83062-1-PBS. Standard: Ag33959. Range: 1.25-20 ng/mL.