

For Research Use Only

# TRPS1 Recombinant antibody, PBS Only (Capture)



Catalog Number: 83062-2-PBS

## Basic Information

<b>Catalog Number:</b> 83062-2-PBS	<b>GenBank Accession Number:</b> BC125020	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7227	<b>CloneNo.:</b> 230051F12
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9UHF7	<b>Affinity:</b> $K_D = 4.73 \times 10^{-11}M$
<b>Isotype:</b> IgG	<b>Full Name:</b> trichorhinophalangeal syndrome I	$K_{off} = 1.63 \times 10^{-5}M$
<b>Immunogen Catalog Number:</b> AG33959	<b>Calculated MW:</b> 1294 aa, 143 kDa	$K_{on} = 3.44 \times 10^5M$

## Applications

**Tested Applications:**  
Indirect ELISA, Cytometric bead array

**Species Specificity:**  
Human

## Product Information

83062-2-PBS targets TRPS1 as part of a matched antibody pair:

MP00096-2: 83062-2-PBS capture and 83062-1-PBS detection (validated in Cytometric bead array)

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

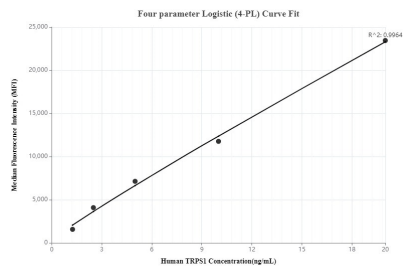
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
100% PBS pH 7.3

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](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

# 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.