

For Research Use Only

# GPR183 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87492-1-PBS



## Basic Information

|                                                             |                                                     |                                                       |
|-------------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------|
| <b>Catalog Number:</b><br>87492-1-PBS                       | <b>GenBank Accession Number:</b><br>BC020752        | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ug , Concentration: 1 mg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>1880                       | <b>CloneNo.:</b><br>252701B2                          |
| <b>Source:</b><br>Rabbit                                    | <b>UNIPROT ID:</b><br>P32249                        |                                                       |
| <b>Isotype:</b><br>IgG                                      | <b>Full Name:</b><br>G protein-coupled receptor 183 |                                                       |
|                                                             | <b>Calculated MW:</b><br>361 aa, 41 kDa             |                                                       |

## Applications

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

**Species Specificity:**  
human

## Product Information

87492-1-PBS targets GPR183 as part of a matched antibody pair:

MP03015-1: 87492-2-PBS capture and 87492-1-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

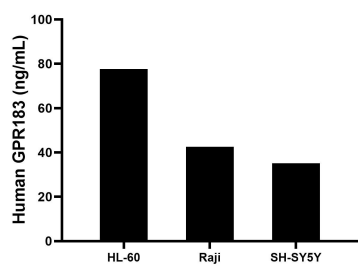
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

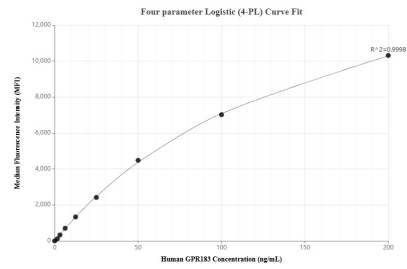
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



The mean GPR183 concentration was determined to be 77.7 ng/mL in HL-60 cell extract based on a 1.2 mg/mL extract load, 42.5 ng/mL in Raji cell extract based on a 1.2 mg/mL extract load, 35.1 ng/mL in SH-SY5Y cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP03015-1, GPR183 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87492-2-PBS. Detection antibody: 87492-1-PBS. Standard: Ag3035. Range: 1.562-200 ng/mL