

For Research Use Only

# HBQ1 Recombinant antibody, PBS Only (Capture/Detector)



Catalog Number: 83576-2-PBS

## Basic Information

|  |  |   |
|--|--|---|
| <b>Catalog Number:</b><br>83576-2-PBS                      | <b>GenBank Accession Number:</b><br>BC056686 | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ug, Concentration: 1 mg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>3049                | <b>CloneNo.:</b><br>240527G12                         |
| <b>Source:</b><br>Rabbit                                   | <b>UNIPROT ID:</b><br>P09105                 |   |
| <b>Isotype:</b><br>IgG                                     | <b>Full Name:</b><br>hemoglobin, theta 1     |   |
| <b>Immunogen Catalog Number:</b><br>AG10105                | <b>Calculated MW:</b><br>142 aa, 16 kDa      |   |

## Applications

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

**Species Specificity:**  
Human

## Product Information

83576-2-PBS targets HBQ1 as part of a matched antibody pair:

MP00567-1: 83576-1-PBS capture and 83576-2-PBS detection (validated in Cytometric bead array)

MP00567-2: 83576-2-PBS capture and 83576-3-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

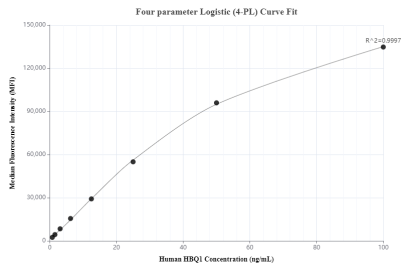
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

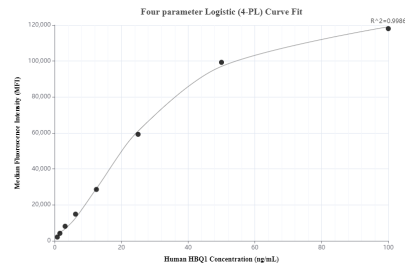
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**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 MP00567-1, HBQ1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83576-1-PBS. Detection antibody: 83576-2-PBS. Standard: Ag10105. Range: 0.781-100 ng/mL



Cytometric bead array standard curve of MP00567-2, HBQ1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83576-2-PBS. Detection antibody: 83576-3-PBS. Standard: Ag10105. Range: 0.781-100 ng/mL