

For Research Use Only

# ARG2 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84808-3-PBS



## Basic Information

|                                                            |                                              |                                                       |
|------------------------------------------------------------|----------------------------------------------|-------------------------------------------------------|
| <b>Catalog Number:</b><br>84808-3-PBS                      | <b>GenBank Accession Number:</b><br>BC001350 | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ug, Concentration: 1 mg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>384                 | <b>CloneNo.:</b><br>242362G1                          |
| <b>Source:</b><br>Rabbit                                   | <b>UNIPROT ID:</b><br>P78540                 |                                                       |
| <b>Isotype:</b><br>IgG                                     | <b>Full Name:</b><br>arginase, type II       |                                                       |
| <b>Immunogen Catalog Number:</b><br>AG6609                 | <b>Calculated MW:</b><br>39 kDa              |                                                       |

## Applications

**Tested Applications:**  
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
human

## Product Information

84808-3-PBS targets ARG2 as part of a matched antibody pair:

MP01580-1: 84808-3-PBS capture and 84808-2-PBS detection (validated in Cytometric bead array)

MP01580-3: 84808-3-PBS capture and 84808-4-PBS detection (validated in Sandwich ELISA)

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

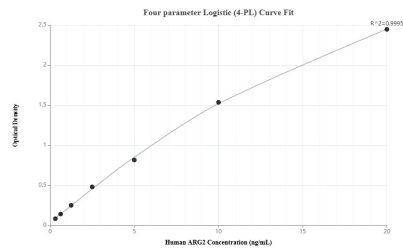
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

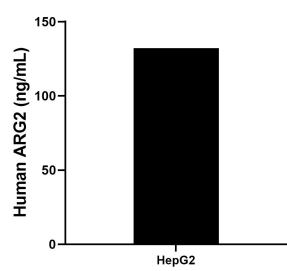
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

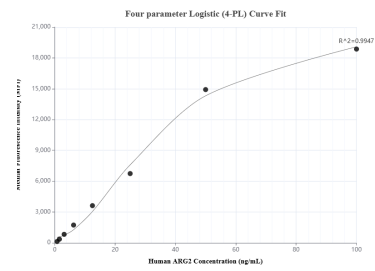
Selected Validation Data



Sandwich ELISA standard curve of MP01580-3, Human ARG2 Recombinant Matched Antibody Pair - PBS only. 84808-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag6609. 84808-4-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



The mean ARG2 concentration was determined to be 132.20 ng/mL in HepG2 cell extract based on a 1.0 mg/mL extract load.



Cytometric bead array standard curve of MP01580-1, ARG2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84808-3-PBS. Detection antibody: 84808-2-PBS. Standard: Ag6609. Range: 0.781-100 ng/mL