

For Research Use Only

# CRP Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 86912-1-PBS



## Basic Information

|                                                             |                                                            |                                                       |
|-------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------|
| <b>Catalog Number:</b><br>86912-1-PBS                       | <b>GenBank Accession Number:</b><br>BC125135               | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ug , Concentration: 1 mg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>1401                              | <b>CloneNo.:</b><br>251971B7                          |
| <b>Source:</b><br>Rabbit                                    | <b>UNIPROT ID:</b><br>P02741                               |                                                       |
| <b>Isotype:</b><br>IgG                                      | <b>Full Name:</b><br>C-reactive protein, pentraxin-related |                                                       |
| <b>Immunogen Catalog Number:</b><br>EG2448                  | <b>Calculated MW:</b><br>224 aa, 25 kDa                    |                                                       |

## Applications

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

**Species Specificity:**  
human

## Product Information

86912-1-PBS targets CRP as part of a matched antibody pair:

MP02771-1: 86912-2-PBS capture and 86912-1-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.

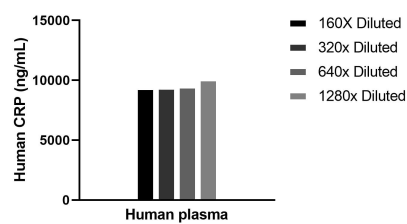
## Storage

**Storage:**  
Store at -80°C.  
**Storage Buffer:**  
PBS only, pH7.3

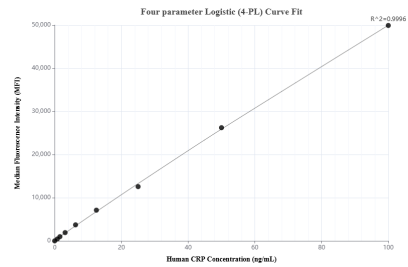
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

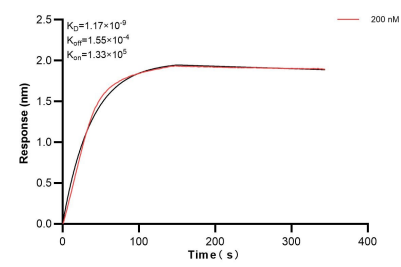
## Selected Validation Data



The mean CRP concentration was determined to be 9557.6 ng/mL in Human plasma.



Cytometric bead array standard curve of MP02771-1, CRP Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86912-2-PBS. Detection antibody: 86912-1-PBS. Standard: Eg2448. Range: 0.781-100 ng/mL.



Biolayer Interferometry (BLI) kinetic assay of 86912-1-PBS against Human CRP was performed. The affinity constant is 1.17 nM.