

For Research Use Only

# CRP Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 86912-1-PBS



## Basic Information

|                                     |                                                     |                                                |
|-------------------------------------|-----------------------------------------------------|------------------------------------------------|
| Catalog Number:<br>86912-1-PBS      | GenBank Accession Number:<br>BC125135               | Purification Method:<br>Protein A purification |
| Source:<br>Rabbit                   | GeneID (NCBI):<br>1401                              | CloneNo.:<br>25197187                          |
| Isotype:<br>IgG                     | UNIPROT ID:<br>P02741                               |                                                |
| Immunogen Catalog Number:<br>EG2448 | Full Name:<br>C-reactive protein, pentraxin-related |                                                |
|                                     | Calculated MW:<br>224 aa, 25 kDa                    |                                                |

## Applications

Tested Applications:  
Cytometric bead array, Indirect ELISA

Species Specificity:  
human

## Background Information

### Storage

Storage:  
Store at -80°C.  
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:  
PBS only, pH7.3

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

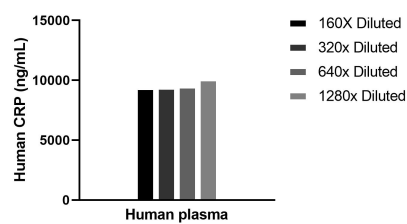
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

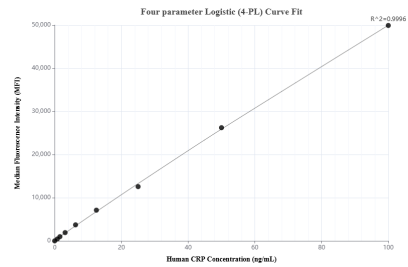
W: [ptgcn.com](http://ptgcn.com)

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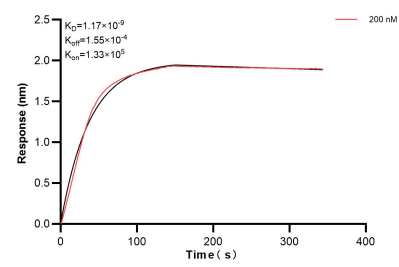
## Selected Validation Data



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.