

For Research Use Only

# MCM3 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 84792-3-PBS



## Basic Information

|   |   |   |
|---|---|---|
| <b>Catalog Number:</b><br>84792-3-PBS                       | <b>GenBank Accession Number:</b><br>BC001626                        | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ug , Concentration: 1 mg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>4172                                       | <b>CloneNo.:</b><br>242103G1                          |
| <b>Source:</b><br>Rabbit                                    | <b>UNIPROT ID:</b><br>P25205  |   |
| <b>Isotype:</b><br>IgG                                      | <b>Full Name:</b><br>minichromosome maintenance complex component 3 |   |
| <b>Immunogen Catalog Number:</b><br>AG7966                  | <b>Calculated MW:</b><br>91 kDa                                     |   |

## Applications

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

**Species Specificity:**  
human

## Product Information

84792-3-PBS targets MCM3 as part of a matched antibody pair:

MP01593-1: 84792-2-PBS capture and 84792-3-PBS detection (validated in Cytometric bead array)

MP01593-2: 84792-3-PBS capture and 84792-1-PBS detection (validated in Cytometric bead array)

MP01593-3: 84792-3-PBS capture and 84792-4-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

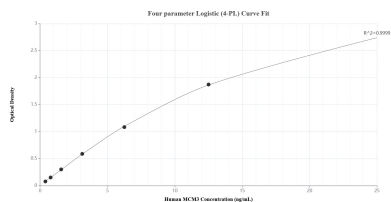
For technical support and original validation data for this product please contact:

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

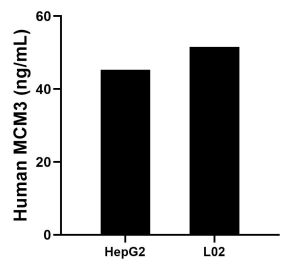
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

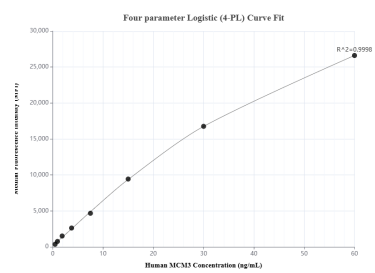
## Selected Validation Data



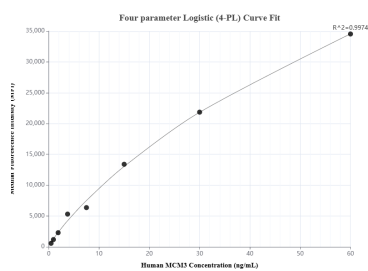
Sandwich ELISA standard curve of MP01593-3, Human MCM3 Recombinant Matched Antibody Pair - PBS only. 84792-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag7966. 84792-4-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL



The mean MCM3 concentration was determined to be 45.31 ng/mL in HepG2 cell extract based on a 1.00 mg/mL extract load and 51.56 ng/mL in L02 cell extract based on a 1.30 mg/mL extract load.



Cytometric bead array standard curve of MP01593-2, MCM3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84792-3-PBS. Detection antibody: 84792-1-PBS. Standard: Ag7966. Range: 0.469-60 ng/mL



Cytometric bead array standard curve of MP01593-1, MCM3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84792-2-PBS. Detection antibody: 84792-3-PBS. Standard: Ag7966. Range: 0.469-60 ng/mL