

For Research Use Only

# Dystrophin Recombinant antibody, PBS Only (Detector)

Catalog Number: 83609-2-PBS



## Basic Information

|   |  |   |
|---|--|---|
| <b>Catalog Number:</b><br>83609-2-PBS                       | <b>GenBank Accession Number:</b><br>BC028720 | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ug , Concentration: 1 mg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>1756                | <b>CloneNo.:</b><br>240567C8                          |
| <b>Source:</b><br>Rabbit                                    | <b>UNIPROT ID:</b><br>P11532                 |   |
| <b>Isotype:</b><br>IgG                                      | <b>Full Name:</b><br>dystrophin              |   |
| <b>Immunogen Catalog Number:</b><br>AG3408                  | <b>Calculated MW:</b><br>3685 aa, 427 kDa    |   |

## Applications

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

**Species Specificity:**  
human

## Product Information

83609-2-PBS targets Dystrophin as part of a matched antibody pair:

MP00595-1: 83609-3-PBS capture and 83609-2-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

MP00595-2: 83609-4-PBS capture and 83609-2-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

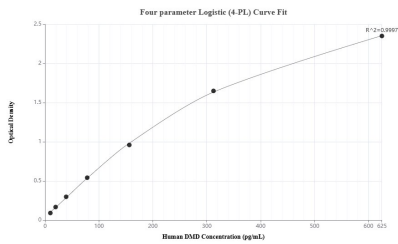
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

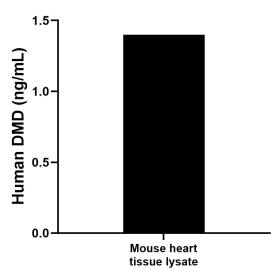
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

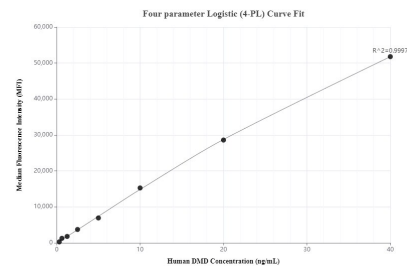
# Selected Validation Data



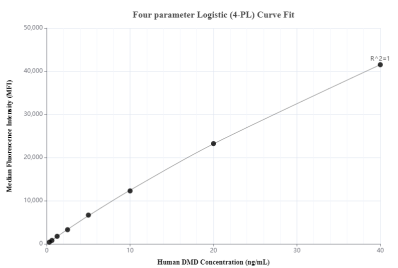
Sandwich ELISA standard curve of MP00595-1, Human Dystrophin Recombinant Matched Antibody Pair - PBS only. 83609-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag3408. 83609-2-PBS was HRP conjugated as the detection antibody. Range: 9.77-625 pg/ml



Mouse heart tissue lyaste was measured. The human Dystrophin concentration of detected samples was determined to be 1.4 ng/mL (based on a 1.4 mg/mL extract load).



Cytometric bead array standard curve of MP00595-1, Dystrophin Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83609-3-PBS. Detection antibody: 83609-2-PBS. Standard: Ag3408. Range: 0.313-40 ng/mL.



Cytometric bead array standard curve of MP00595-2, Dystrophin Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83609-4-PBS. Detection antibody: 83609-2-PBS. Standard: Ag3408. Range: 0.313-40 ng/mL