

# BRD7 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02433-1**

## Capture Antibody Information

|                                                       |                                            |                                               |
|-------------------------------------------------------|--------------------------------------------|-----------------------------------------------|
| <b>Catalog Number:</b><br>86176-4-PBS                 | <b>Clone ID:</b><br>250776D9               | <b>Conjugate:</b><br>Unconjugated             |
| <b>Host:</b><br>Rabbit                                | <b>Reactivity:</b><br>human                | <b>Full name:</b><br>bromodomain containing 7 |
| <b>Isotype:</b><br>IgG                                | <b>GenBank:</b><br>BC050728                | <b>Gene ID:</b><br>29117                      |
| <b>Purification Method:</b><br>Protein A purification | <b>Immunogen Catalog Number:</b><br>Ag1461 |                                               |

## Detection Antibody Information

|                                                       |                                            |                                               |
|-------------------------------------------------------|--------------------------------------------|-----------------------------------------------|
| <b>Catalog Number:</b><br>86176-3-PBS                 | <b>Clone ID:</b><br>250776B5               | <b>Conjugate:</b><br>Unconjugated             |
| <b>Host:</b><br>Rabbit                                | <b>Reactivity:</b><br>human                | <b>Full name:</b><br>bromodomain containing 7 |
| <b>Isotype:</b><br>IgG                                | <b>GenBank:</b><br>BC050728                | <b>Gene ID:</b><br>29117                      |
| <b>Purification Method:</b><br>Protein A purification | <b>Immunogen Catalog Number:</b><br>Ag1461 |                                               |

## Applications

|                                               |                                                  |                                                                                                                                           |
|-----------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Tested Applications:</b><br>Sandwich ELISA | <b>Range:</b><br>0.313-20 ng/mL (Sandwich ELISA) | <b>Recommended Dilutions:</b><br>It is recommended that this reagent should be titrated in each testing system to obtain optimal results. |
|-----------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|

## Product Information

MP02433-1 targets BRD7 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: BRD7 Recombinant monoclonal antibody, PBS Only (Capture) 86176-4-PBS (250776D9). 100 µg. Concentration 1 mg/mL.

Detection antibody: BRD7 Recombinant monoclonal antibody, PBS Only (Detector) 86176-3-PBS (250776B5). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

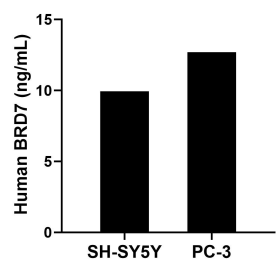
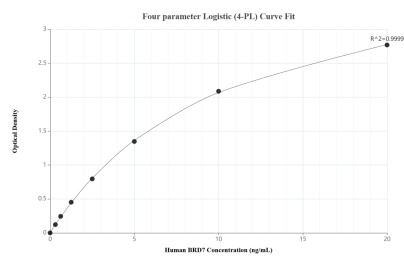
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## 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

## Selected Validation Data



Sandwich ELISA standard curve of MP02433-1, Human BRD7 Recombinant Matched Antibody Pair - PBS only. 86176-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag1461. 86176-3-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL.

The mean BRD7 concentration was determined to be 9.95 ng/mL in SH-SY5Y cell extract based on a 2.60 mg/mL extract load and 12.69 ng/mL in PC-3 cell extract based on a 1.60 mg/mL extract load.