

# Nectin-4/PVRL4 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00147-2**

## Capture Antibody Information

**Catalog Number:**  
83223-1-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240009E4  
**Reactivity:**  
human  
**GenBank:**  
BC010423

**Conjugate:**  
Unconjugated  
**Full name:**  
poliovirus receptor-related 4  
**Gene ID:**  
81607  
**Affinity:**  
 $K_D = 8.49 \times 10^{-10}$   
 $K_{off} = 2.20 \times 10^{-4}$   
 $K_{on} = 2.59 \times 10^5$

## Detection Antibody Information

**Catalog Number:**  
83223-3-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240009F8  
**Reactivity:**  
human  
**GenBank:**  
BC010423

**Conjugate:**  
Unconjugated  
**Full name:**  
poliovirus receptor-related 4  
**Gene ID:**  
81607  
**Affinity:**  
 $K_D = 5.81 \times 10^{-10}$   
 $K_{off} = 1.47 \times 10^{-4}$   
 $K_{on} = 2.53 \times 10^5$

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.625-10 ng/mL (Cytometric Bead Array)

**Recommended Dilutions:**  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP00147-2 targets Nectin-4/PVRL4 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: nectin 4 Recombinant antibody, PBS Only (Capture) 83223-1-PBS (240009E4). 100 µg. Concentration 1 mg/mL.

Detection antibody: nectin 4 Recombinant antibody, PBS Only (Detector) 83223-3-PBS (240009F8). 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.

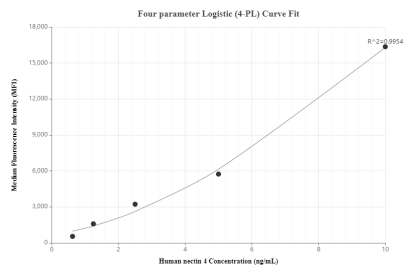
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

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



Cytometric bead array standard curve of MP00147-2, Nectin-4/PVRL4 Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83223-1-PBS. Detection antibody: 83223-3-PBS. Standard: Eg0415. Range: 0.625-10 ng/mL