

# GPC2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00156-1

## Capture Antibody Information

**Catalog Number:**  
83241-4-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
230518F3

**Reactivity:**  
Human

**GenBank:**  
BC027972

**Immunogen Catalog Number:**  
Ag4041

**Conjugate:**  
Unconjugated

**Full name:**  
glypican 2

**Gene ID:**  
221914

**Affinity:**  
 $K_D < 1.00 \times 10^{-12}$   
 $K_{Off} < 1.00 \times 10^{-6}$   
 $K_{On} = 7.67 \times 10^4$

## Detection Antibody Information

**Catalog Number:**  
83241-3-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
230518A7

**Reactivity:**  
Human

**GenBank:**  
BC027972

**Immunogen Catalog Number:**  
Ag4041

**Conjugate:**  
Unconjugated

**Full name:**  
glypican 2

**Gene ID:**  
221914

**Affinity:**  
 $K_D < 1.00 \times 10^{-12}$   
 $K_{Off} < 1.00 \times 10^{-6}$   
 $K_{On} = 9.52 \times 10^4$

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
2.5-80 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

MP00156-1 targets GPC2 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: GPC2 Recombinant antibody, PBS Only (Capture) 83241-4-PBS (230518F3). 100  $\mu$ g. Concentration 1 mg/ml.

Detection antibody: GPC2 Recombinant antibody, PBS Only (Detector) 83241-3-PBS (230518A7). 100  $\mu$ g. Concentration 1 mg/ml.

Alternative GPC2 matched antibody pairs: MP00156-2

Unconjugated rabbit recombinant monoclonal antibody pair 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.

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

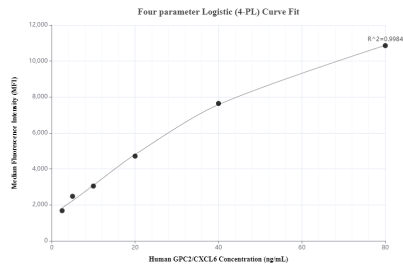
Antibody use should be optimized for each application and assay.

## Storage

**Storage:**  
Store at -80°C.

**Storage buffer:**  
PBS only

## Selected Validation Data



Cytometric bead array standard curve of MP00156-1, GPC2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83241-4-PBS. Detection antibody: 83241-3-PBS. Standard: Ag4041. Range: 2.5-80 ng/mL.