

# p300 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP00310-1

## Capture Antibody Information

**Catalog Number:**  
83078-2-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
230369G4

**Reactivity:**  
human

**GenBank:**  
NM\_001429

**Conjugate:**  
Unconjugated

**Full name:**  
E1A binding protein p300

**Gene ID:**  
2033

**Affinity:**  
 $K_D = 2.37 \times 10^{-8}$   
 $K_{Off} = 4.58 \times 10^{-3}$   
 $K_{On} = 1.93 \times 10^5$

## Detection Antibody Information

**Catalog Number:**  
83078-1-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
230369E6

**Reactivity:**  
human

**GenBank:**  
NM\_001429

**Conjugate:**  
Unconjugated

**Full name:**  
E1A binding protein p300

**Gene ID:**  
2033

**Affinity:**  
 $K_D = 5.03 \times 10^{-9}$   
 $K_{Off} = 6.22 \times 10^{-4}$   
 $K_{On} = 1.24 \times 10^5$

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.313–10 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

MP00310-1 targets p300 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: p300 Recombinant antibody, PBS Only (Capture) 83078-2-PBS (230369G4). 100 µg. Concentration 1 mg/mL.

Detection antibody: p300 Recombinant antibody, PBS Only (Detector) 83078-1-PBS (230369E6). 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.

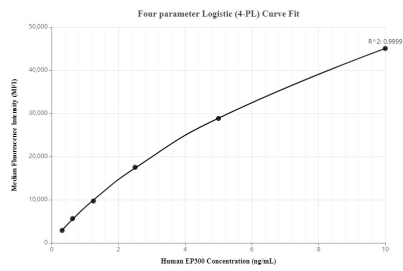
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

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 MP00310-1, p300 Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83078-2-PBS. Detection antibody: 83078-1-PBS. Standard: SY00911. Range: 0.313-10 ng/mL