

For Research Use Only

# EP300 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00310-2

## Capture Antibody Information

Catalog Number:  
83078-4-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
230369H8

Reactivity:  
Human

GenBank:  
NM\_001429

Conjugate:  
Unconjugated

Full name:  
E1A binding protein p300

Gene ID:  
2033

Affinity:

$K_D = 1.30 \times 10^{-8}$

$K_{Off} = 3.14 \times 10^{-3}$

$K_{On} = 2.42 \times 10^5$

## Detection Antibody Information

Catalog Number:  
83078-3-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
230369H1

Reactivity:  
Human

GenBank:  
NM\_001429

Conjugate:  
Unconjugated

Full name:  
E1A binding protein p300

Gene ID:  
2033

Affinity:

$K_D = 1.22 \times 10^{-9}$

$K_{Off} = 1.15 \times 10^{-4}$

$K_{On} = 9.45 \times 10^4$

## Applications

Tested Applications:  
Cytometric bead array

Range:  
0.313-5 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

MP00310-2 targets EP300 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: EP300 Recombinant antibody, PBS Only (Capture) 83078-4-PBS (230369H8). 100  $\mu$ g. Concentration 1 mg/ml.

Detection antibody: EP300 Recombinant antibody, PBS Only (Detector) 83078-3-PBS (230369H1). 100  $\mu$ g. Concentration 1 mg/ml.

Alternative EP300 matched antibody pairs: MP00310-1

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.  
Storage buffer:  
PBS only

For technical support and original validation data for this product please contact:

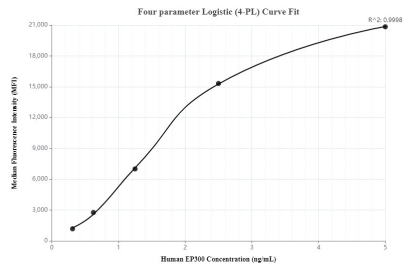
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



Cytometric bead array standard curve of MP00310-2, EP300 Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83078-4-PBS. Detection antibody: 83078-3-PBS. Standard: SY00911. Range: 0.313-5 ng/mL