

# Cleaved Caspase 3/P17

## Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00104-3**

### Capture Antibody Information

**Catalog Number:**  
82707-8-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
230527B9

**Reactivity:**  
human

**Conjugate:**  
Unconjugated

**Full name:**  
caspase 3, apoptosis-related cysteine peptidase

**Gene ID:**  
836

**Affinity:**  
 $K_D = 1.47 \times 10^{-9} \text{M}$   
 $K_{Off} = 9.91 \times 10^{-4} \text{M}$   
 $K_{On} = 6.73 \times 10^5 \text{M}$

### Detection Antibody Information

**Catalog Number:**  
82707-11-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
230527H5

**Reactivity:**  
human

**GenBank:**  
NM\_032991

**Conjugate:**  
Unconjugated

**Full name:**  
caspase 3, apoptosis-related cysteine peptidase

**Gene ID:**  
836

**Affinity:**  
 $K_D = 4.78 \times 10^{-10} \text{M}$   
 $K_{Off} = 2.19 \times 10^{-4} \text{M}$   
 $K_{On} = 4.59 \times 10^5 \text{M}$

### Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.156-2.5 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

MP00104-3 targets Cleaved Caspase 3/P17 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: Cleaved Caspase 3 Recombinant antibody, PBS Only (Capture) 82707-8-PBS (230527B9). 100 µg. Concentration 1 mg/mL.

Detection antibody: Cleaved Caspase 3 Recombinant antibody, PBS Only (Detector) 82707-11-PBS (230527H5). 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.

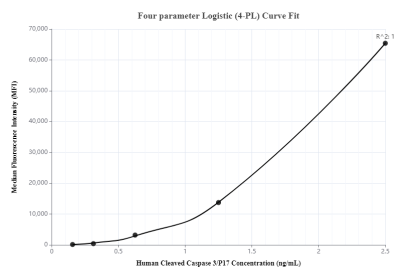
Antibody use should be optimized for each application and assay.

### Storage

**Storage:**  
Store at -80°C.

**Storage buffer:**  
PBS only

## Selected Validation Data



Cytometric bead array standard curve of MP00104-3, Cleaved Caspase 3/P17 Recombinant Matched Antibody Pair - PBS only. Capture antibody: 82707-8-PBS. Detection antibody: 82707-11-PBS. Standard: SY01603. Range: 0.156-2.5 ng/mL