

For Research Use Only

# Cleaved Caspase 3/P17 Recombinant antibody, PBS Only (Capture)

Catalog Number: 82707-10-PBS



## Basic Information

<b>Catalog Number:</b> 82707-10-PBS	<b>GenBank Accession Number:</b> NM_032991	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 836	<b>CloneNo.:</b> 230527G6
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P42574	<b>Affinity:</b> $K_D = 3.34 \times 10^{-9}M$
<b>Isotype:</b> IgG	<b>Full Name:</b> caspase 3, apoptosis-related cysteine peptidase	$K_{Off} = 1.13 \times 10^{-3}M$ $K_{On} = 3.39 \times 10^5M$
	<b>Calculated MW:</b> 32 kDa	

## Applications

**Tested Applications:**  
Cytometric bead array, Indirect ELISA

**Species Specificity:**  
human

## Product Information

82707-10-PBS targets Cleaved Caspase 3/P17 as part of a matched antibody pair:

MP00104-1: 82707-10-PBS capture and 82707-9-PBS detection (validated in Cytometric bead array)

MP00104-2: 82707-10-PBS capture and 82707-11-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Storage

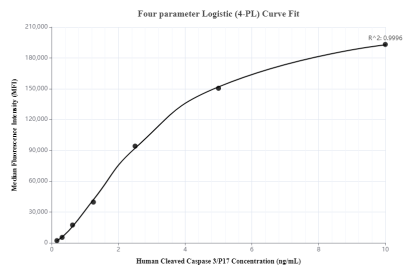
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
100% PBS pH 7.3

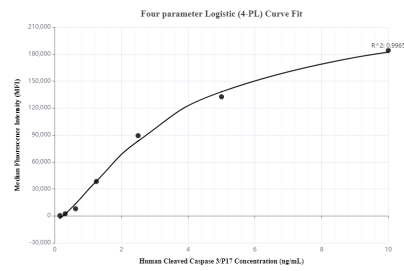
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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 MP00104-1, Cleaved Caspase 3/P17 Recombinant Matched Antibody Pair - PBS only. Capture antibody: 82707-10-PBS. Detection antibody: 82707-9-PBS. Standard: SY01603. Range: 0.156-10 ng/mL



Cytometric bead array standard curve of MP00104-2, Cleaved Caspase 3/P17 Recombinant Matched Antibody Pair - PBS only. Capture antibody: 82707-10-PBS. Detection antibody: 82707-11-PBS. Standard: SY01603. Range: 0.156-10 ng/mL