

For Research Use Only

# Cleaved Caspase 3/P17

## Recombinant antibody, PBS Only

### (Detector)



Catalog Number: **82707-9-PBS**

#### Basic Information

<b>Catalog Number:</b> 82707-9-PBS	<b>GenBank Accession Number:</b> NM_032991	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 836	<b>CloneNo.:</b> 230527F3
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P42574	<b>Affinity:</b> $K_D=1.64 \times 10^{-9}M$
<b>Isotype:</b> IgG	<b>Full Name:</b> caspase 3, apoptosis-related cysteine peptidase	$K_{Off}=8.67 \times 10^{-4}M$ $K_{On}=5.30 \times 10^{-5}M$
	<b>Calculated MW:</b> 32 kDa	

#### Applications

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

**Species Specificity:**  
Human

#### Product Information

82707-9-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)

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

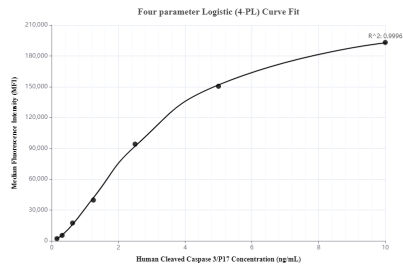
For technical support and original validation data for this product please contact:

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**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.