

For Research Use Only

Cleaved Caspase 3/P17

Recombinant antibody, PBS Only

(Detector)



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

Basic Information

Catalog Number: 82707-11-PBS	GenBank Accession Number: NM_032991	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 836	CloneNo.: 230527H5
Source: Rabbit	UNIPROT ID: P42574	Affinity: $K_D=4.78 \times 10^{-9}M$
Isotype: IgG	Full Name: caspase 3, apoptosis-related cysteine peptidase	$K_{Off}=2.19 \times 10^{-4}M$ $K_{On}=4.59 \times 10^5M$
	Calculated MW: 32 kDa	

Applications

Tested Applications:
Indirect ELISA, Cytometric bead array

Species Specificity:
Human

Product Information

82707-11-PBS targets Cleaved Caspase 3/P17 as part of a matched antibody pair:

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

MP00104-3: 82707-8-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

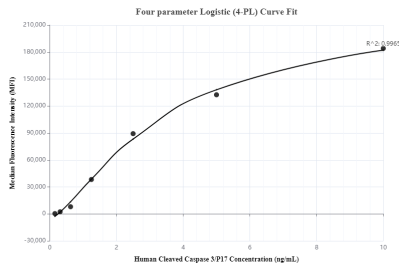
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

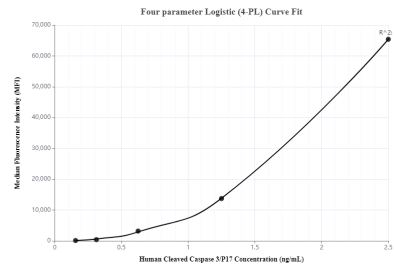
E: proteintech@ptglab.com
W: ptglab.com

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 MP00104-2, 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.



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.