

For Research Use Only

Caspase-4 subunit p20-2 Recombinant monoclonal antibody, PBS Only (Detector)



Catalog Number: 85770-2-PBS

Basic Information

Catalog Number: 85770-2-PBS	GenBank Accession Number: BC017839	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 837	CloneNo.: 243150G8
Source: Rabbit	UNIPROT ID: P49662	
Isotype: IgG	Full Name: caspase 4, apoptosis-related cysteine peptidase	
	Calculated MW: 377 aa, 43 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

85770-2-PBS targets Caspase-4 subunit p20-2 as part of a matched antibody pair:

MP02885-1: 85770-3-PBS capture and 85770-2-PBS detection (validated in Sandwich ELISA)

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

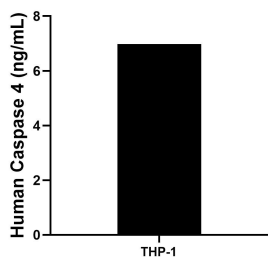
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

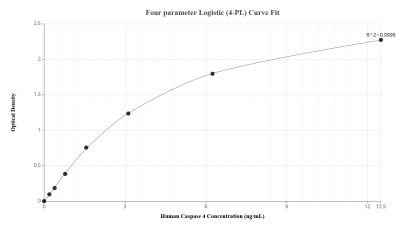
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean Caspase 4 concentration was determined to be 6.98 ng/mL in THP-1 cell extract based on a 2.90 mg/mL extract load.



Sandwich ELISA standard curve of MP02885-1, Human Caspase 4 Recombinant Matched Antibody Pair - PBS only. 85770-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard SY02381. 85770-2-PBS was HRP conjugated as the detection antibody. Range: 0.195-12.5 ng/mL.