

For Research Use Only

Caspase 4 Recombinant monoclonal antibody

Catalog Number: 88257-2-RR



Basic Information

Catalog Number: 88257-2-RR	GenBank Accession Number: BC017839	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 837	CloneNo.: 260526A10
Source: Rabbit	UNIPROT ID: P49662	Recommended Dilutions: WB: 1:2000-1:10000
Isotype: IgG	Full Name: caspase 4, apoptosis-related cysteine peptidase	
	Calculated MW: 377 aa, 43 kDa	
	Observed MW: 43-48 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : THP-1 cells, SGC-7901 cells, HeLa cells
Species Specificity: human	

Background Information

Caspase 4 (CASP4), is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspase 4 is able to cleave and activate its own precursor protein, as well as caspase 1 precursor. Overexpression of caspase 4 will induce cell apoptosis.

Storage

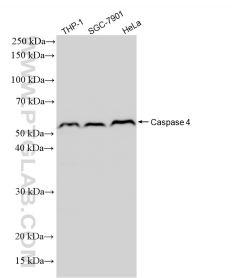
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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



Various lysates were subjected to SDS PAGE followed by western blot with 88257-2-RR (Caspase 4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.