

For Research Use Only

CoraLite®594-conjugated Caspase 4 Monoclonal antibody

Catalog Number: CL594-67398



Basic Information

Catalog Number: CL594-67398	GenBank Accession Number: BC017839	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 837	CloneNo.: 1D1E12
Source: Mouse	UNIPROT ID: P49662	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: caspase 4, apoptosis-related cysteine peptidase	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG29488	Calculated MW: 377 aa, 43 kDa	
	Observed MW: 43-48 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : 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.

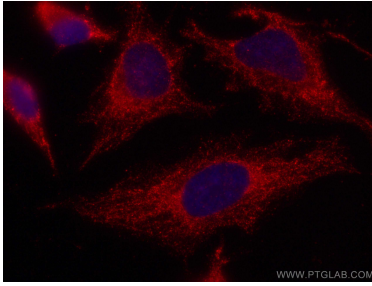
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite®594 Caspase 4 antibody (CL594-67398, Clone: 1D1E12) at dilution of 1:200.