

For Research Use Only

CoraLite® Plus 488-conjugated Caspase 4 Monoclonal antibody



Catalog Number: **CL488-67398**

Basic Information

Catalog Number: CL488-67398	GenBank Accession Number: BC017839	Purification Method: Protein G purification
Size: 1000 µg/ml	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: 493 nm / 522 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:

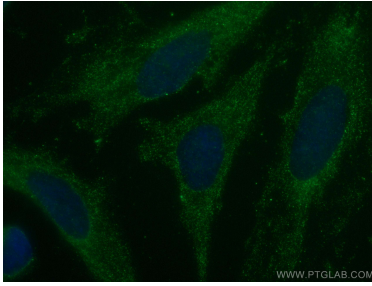
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite® Plus 488 Caspase 4 antibody (CL488-67398, Clone: 1D1E12) at dilution of 1:200.