

For Research Use Only

# CoraLite® Plus 488-conjugated Caspase 8/P43/P18 Monoclonal antibody

Catalog Number: **CL488-66093**

**Featured Product**

## Basic Information

Catalog Number: CL488-66093	GenBank Accession Number: BC028223	Purification Method: Protein A purification
Concentration: 1000 ug/ml	GeneID (NCBI): 841	CloneNo.: 2B9H8
Source: Mouse	UNIPROT ID: Q14790	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG2b	Full Name: caspase 8, apoptosis-related cysteine peptidase	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG20524	Calculated MW: 538 aa, 62 kDa	
	Observed MW: 53-57 kDa, 32-45 kDa, 18 kDa	

## Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HeLa cells,
Species Specificity: human	

## Background Information

Caspase 8, also named as MCH5, MACH, FLICE, and CAP4, belongs to the peptidase C14A family. It may participate in the GZMB apoptotic pathways and functions as an upstream regulator in a-bisabolol-induced apoptosis. Caspase 8 catalyzes an essential intermediate step in the ubiquitination and proteasome-mediated degradation of IRF3 (PMID:21816816). It may control diabetic embryopathy-associated apoptosis via regulation of the Bid-stimulated mitochondrion/caspase-9 pathway (PMID:19194987). Caspase 8 is expressed as nine isoforms by alternative splicing with the molecular mass from 26 kDa to 62 kDa. This antibody can recognize pro- and cleaved-caspase 8.

## 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:

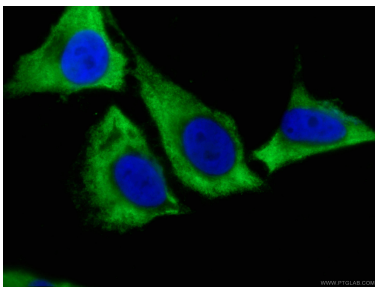
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

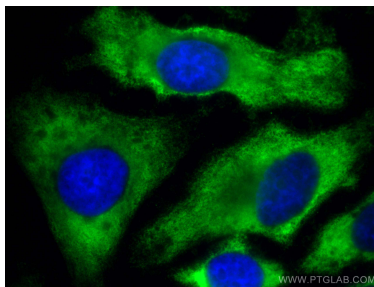
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CL488-66093 (Caspase 8/P43/P18 antibody) at dilution of 1:100.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite® Plus 488 Caspase 8/P43/P18 antibody (CL488-66093, Clone: 2B9H8) at dilution of 1:200.