

For Research Use Only

CoraLite®488-conjugated Caspase 9/p35/p10 Polyclonal antibody



Catalog Number:CL488-10380

Basic Information

Catalog Number: CL488-10380	GenBank Accession Number: BC002452	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 842	Excitation/Emission maxima wavelengths: 488 nm/515 nm
Source: Rabbit	Full Name: caspase 9, apoptosis-related cysteine peptidase	
Isotype: IgG	Calculated MW: 46 kDa	
Immunogen Catalog Number: AG0404	Observed MW: 46 kDa, 35 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human, mouse, rat

Background Information

Caspase 9, apoptosis-related cysteine protease (CASP9, synonyms: MCH6, APAF3, APAF-3, ICE-LAP6, CASPASE-9c) 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. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce 2 subunits, large and small, that dimerize to form the active enzyme. Caspase 9 is processed by APAF1; this step is thought to be one of the earliest in the caspase activation cascade. 10380-1-AP can recognize the pre- and cleaved- caspase 9.

Storage

Storage:
Store at -20°C. Avoid exposure to light.

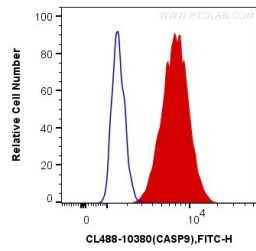
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

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



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite®488 Anti-Human Caspase 9/p35/p10 (CL488-10380) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).