

For Research Use Only



CoraLite® Plus 488-conjugated Caspase 2/p32/p18 Monoclonal antibody

Catalog Number:CL488-66517

Basic Information

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|---|---|---|
| Catalog Number: CL488-66517 | GenBank Accession Number: BC002427 | Purification Method: Protein G purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 835 | CloneNo.: 2G4C2 |
| Source: Mouse | Full Name: caspase 2, apoptosis-related cysteine peptidase | Recommended Dilutions: IF 1:50-1:500 |
| Isotype: IgG1 | Calculated MW: 452 aa, 51 kDa | |
| Immunogen Catalog Number: AG20141 | Observed MW: 48-51 kDa, 32 kDa, 18 kDa | |

Applications

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|--------------------------------------|---|
| Tested Applications: IF | Positive Controls: IF : HeLa cells, |
| Species Specificity: Human | |

Background Information

CASP2(Caspase-2) is also named as ICH1, NEDD2 and belongs to the peptidase C14A family.It is involved in the activation cascade of caspases responsible for apoptosis execution and might function by either activating some proteins required for cell death or inactivating proteins necessary for cell survival.It has 2 isoforms produced by alternative splicing and can exist almost as a dimer in solution(PMID:15865942).This antibody can recognize the 32 kDa pro-caspase 2 as well as 18 kDa cleaved-caspase 2.

Storage

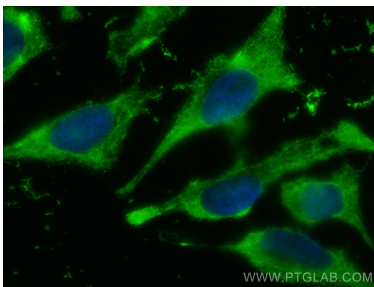
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite® Plus 488 Caspase 2/p32/p18 antibody (CL488-66517, Clone: 2G4C2) at dilution of 1:200.