For Research Use Only

CoraLite®594-conjugated Caspase 2/p32/p18 Monoclonal antibody

Catalog Number:CL594-66517

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
CL594-66517

Size:
100ul , Concentration: 1000 μg/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG20141

GenBank Accession Number:
BC002427

GeneID (NCBI):
835

Full Name:
caspase 2, apoptosis-related cysteine peptidase

Calculated MW:
452 aa, 51 kDa

Observed MW:
48-51 kDa, 32 kDa, 18 kDa

Purification Method:
Protein G purification

CloneNo.:
2G4C2

Recommended Dilutions:
IF 1:50-1:500

Excitation/Emission maxima wavelengths:
594 nm / 615 nm

Applications

Tested Applications:
IF

Species Specificity:
Human

Positive Controls:

IF : HeLa cells,

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 exists 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.

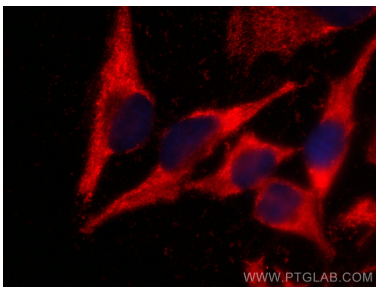
Storage

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

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite®594 Caspase 2/p32/p18 antibody (CL594-66517, Clone: 2G4C2) at dilution of 1:200.