

For Research Use Only

# CoraLite® Plus 488-conjugated CREB3L1,OASIS Monoclonal antibody

Catalog Number:CL488-67617



## Basic Information

Catalog Number:

CL488-67617

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG28042

GenBank Accession Number:

BC015781

GeneID (NCBI):

90993

UNIPROT ID:

Q96BA8

Full Name:

cAMP responsive element binding protein 3-like 1

Calculated MW:

57 kDa

Observed MW:

58 kDa

Purification Method:

Protein G purification

CloneNo.:

2B5B4

Recommended Dilutions:

FC (Intra): 0.40 ug per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

FC (Intra) : HepG2 cells,

## Background Information

Cyclic AMP-responsive element-binding protein 3-like protein 1(CREB3L1) belongs to a family of transcription factors that are synthesized as membrane-bound precursors in the endoplasmic reticulum (ER) and then transported to the Golgi where they are activated through regulated intramembrane proteolysis (RIP). Also it participates in ER-stress response in astrocytes in the central nervous system. It may has a role in gliosis, and involves in activation of transcription through box-B element but not CRE. CREB3L1 acts as a transcription repressor in proliferation of virus-infected cell. The full-length precursor form (approximately 84 kDa) of CREB3L1 and the matured form of CREB3L1 is 58 kDa. (PMID: 20668028)

## 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, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

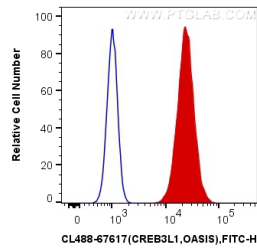
T: 4006900926

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

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

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## Selected Validation Data



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human CREB3L1,OASIS (CL488-67617, Clone:2B5B4) (red), or 0.4 ug x. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.