

For Research Use Only

CoraLite® Plus 488-conjugated AIF Recombinant monoclonal antibody

Catalog Number:CL488-86156



Basic Information

Catalog Number:

CL488-86156

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13268

GenBank Accession Number:

BC111065

GeneID (NCBI):

9131

UNIPROT ID:

O95831

Full Name:

apoptosis-inducing factor,
mitochondrion-associated, 1

Calculated MW:

609 aa, 66 kDa

Observed MW:

67 kDa

Purification Method:

Protein A purification

CloneNo.:

250772G11

Recommended Dilutions:

IF/ICC: 1:200-1:800

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

Apoptosis-inducing factor (AIF) is one of the mitochondrial proteins to be released into the cytosol during apoptosis, and it is discovered as the first protein that regulates caspase-independent apoptosis(PMID:20494118). AIF is encoded as a 67 kDa protein that contains a mitochondrial localization signal (MLS) in the N-terminus. It is cleaved from the 62 kDa to the 57 kDa form following ischemic injury and translocated from the mitochondria to the nucleus in a calpain-dependent manner(PMID:19332058).

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:

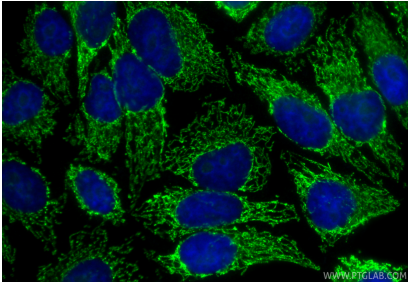
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.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 (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 AIF antibody (CL488-86156, Clone: 250772G11) at dilution of 1:400.