

For Research Use Only

# CoraLite® Plus 488-conjugated AIFM2/ FSP1 Monoclonal antibody

Catalog Number: CL488-68049



## Basic Information

Catalog Number:

CL488-68049

Size:

100ul , Concentration: 1000 ug/ml by  
Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG30516

GenBank Accession Number:

BC023601

GeneID (NCBI):

84883

UNIPROT ID:

Q9BRQ8

Full Name:

apoptosis-inducing factor,  
mitochondrion-associated, 2

Calculated MW:

41 kDa

Observed MW:

41 kDa

Purification Method:

Protein G purification

CloneNo.:

1A2B2

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

FC (Intra)

Species Specificity:

Human, Mouse

## Background Information

The human AIFM2 protein (also known as FSP1 or AMID) is an apoptosis associated flavoprotein with a 6-hydroxy FAD cofactor. AIFM2 is a NAD(P)H-binding oxidoreductase with some sequence similarities to A1FM1 (formerly known as AIF, Apoptosis Inducing Factor), a mitochondrion-associated enzyme which relocates to the cell nucleus during apoptosis and is considered to be a key player in the progression of cell death.

## 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

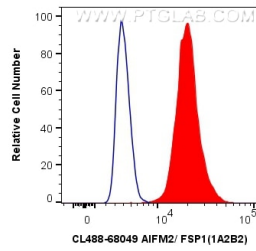
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## Selected Validation Data



1X10<sup>6</sup> K-562 cells were intracellularly stained with 0.4  $\mu$ g CoraLite® Plus 488 Anti-Human AIFM2 (CL488-68049, Clone:1A2B2) (red), or 0.4  $\mu$ g Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).