

For Research Use Only

# CoraLite® Plus 488-conjugated AATF Monoclonal antibody

Catalog Number: CL488-67868



## Basic Information

Catalog Number:

CL488-67868

Size:

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

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG0195

GenBank Accession Number:

BC000591

GeneID (NCBI):

26574

UNIPROT ID:

Q9NY61

Full Name:

apoptosis antagonizing transcription factor

Calculated MW:

63 kDa

Observed MW:

80-90 kDa

Purification Method:

Protein G purification

CloneNo.:

2A6G6

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

FC (Intra)

Species Specificity:

human, mouse, rat

## Background Information

Apoptosis antagonizing transcription factor (AATF), an interacting partner of RNA polymerase II is a multifunctional protein that is highly conserved in eukaryotes. In addition to nuclear hormone receptors, AATF has been shown to interact with several transcription factors, including the retinoblastoma protein (pRb), p65, and STAT3(PMID: 34785906). Furthermore AATF serves as a critical regulator in various cancers and promotes tumorigenesis by protecting cancer cells from apoptosis induction, favoring cell proliferation, or promoting cell survival by autophagy(PMID: 33145763).

## 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

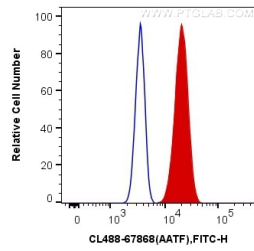
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human AATF (CL488-67868, Clone:2A6G6) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).