

For Research Use Only

CoraLite® Plus 488-conjugated AATF Monoclonal antibody



Catalog Number:CL488-67868

Basic Information

Catalog Number: CL488-67868	GenBank Accession Number: BC000591	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 26574	CloneNo.: 2A6G6
Source: Mouse	Full Name: apoptosis antagonizing transcription factor	Excitation/Emission maxima wavelengths: 488 nm / 515 nm
Isotype: IgG1	Calculated MW: 63 kDa	
Immunogen Catalog Number: AG0195	Observed MW: 80-90 kDa	

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.

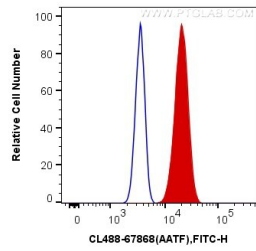
Aliquoting is unnecessary for -20°C storage

*** 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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ 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).