

For Research Use Only



CoraLite® Plus 488-conjugated ASF1A Monoclonal antibody

Catalog Number: **CL488-66884**

Basic Information

Catalog Number: CL488-66884	GenBank Accession Number: BC010878	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 25842	CloneNo.: 2D4A6
Source: Mouse	UNIPROT ID: Q9Y294	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG3	Full Name: ASF1 anti-silencing function 1 homolog A (S. cerevisiae)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG1233	Calculated MW: 204 aa, 23 kDa	
	Observed MW: 21-23 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HepG2 cells,
Species Specificity: Human, rat	

Background Information

Anti-silencing function 1, *S.cerevisiae*, homolog of A(SF1A) is a histone chaperone that has a crucial role in the remodeling of chromatin structure during replication, DNA repair, and cellular senescence. It promotes chromatin assembly in replication-dependent manner by cooperation with chromatin assembly factor1(CAF-1), and cooperates with HIRA in replication-independent manner. It's required for the formation of senescence-associated heterochromatin foci(SAHF) and efficient senescence-associated cell cycle exit.

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:

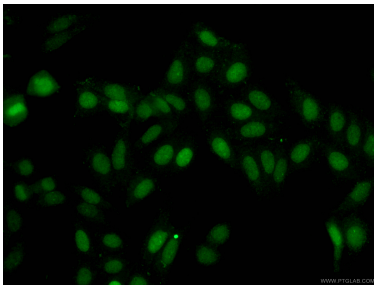
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CL488-66884 (ASF1A antibody) at dilution of 1:100.