For Research Use Only

ASF1A Monoclonal antibody

Catalog Number:66884-1-Ig

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Basic Information

Catalog Number:
66884-1-Ig

Size:
150ul , Concentration: 1400 μg/ml by Nanodrop and 1000 μg/ml by Bradford method using BSA as the standard;

Source:
Mouse

Isotype:
IgG3

Immunogen Catalog Number:
AG1233

GenBank Accession Number:
BC010878

GeneID (NCBI):
25842

Full Name:
ASF1 anti-silencing function 1 homolog A (S. cerevisiae)

Calculated MW:
204 aa, 23 kDa

Observed MW:
21-23 kDa

Purification Method:
Protein A purification

CloneNo.:
2D4A6

Recommended Dilutions:
WB 1:1000-1:4000
IF 1:50-1:500

Applications

Tested Applications:
IF, WB,ELISA

Species Specificity:
Human, rat

Positive Controls:

WB : Jurkat cells, HSC-T6 cells

IF : HepG2 cells,

Background Information

Anti-silencing function 1, S.cerevisiae, homolog of A(ASF1A) is a histone chaperone that has a crucial role in the remodeling of chromatin structure during replication, DNA repair, and cellular senescence. It promotes chromation assembly in replication-dependent manner by cooperation with chromation assembly factor1(CAF-1), and cooperates with HIRA in replication-independent manner. It's required forthe fomation of senescence-associated heterochromation foci(SAHF) and efficient senescence-associated cell cycle exit.

Storage

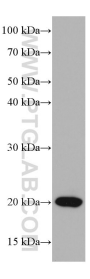
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

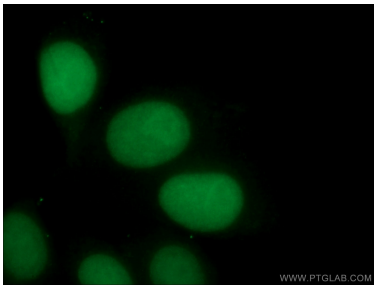
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 66884-1-Ig (ASF1A antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 66884-1-Ig (ASF1A antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).