

For Research Use Only

ASF1A Monoclonal antibody

Catalog Number: 66884-1-Ig



Basic Information

Catalog Number:

66884-1-Ig

Size:

1400 ug/ml

Source:

Mouse

Isotype:

IgG3

Immunogen Catalog Number:

AG1233

GenBank Accession Number:

BC010878

GeneID (NCBI):

25842

UNIPROT ID:

Q9Y294

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/ICC 1:250-1:1000

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, rat

Positive Controls:

WB : Jurkat cells, HSC-T6 cells

IF/ICC : 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 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. 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

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

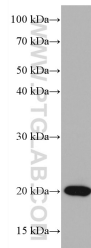
T: 4006900926

E: Proteintech-CN@ptglab.com

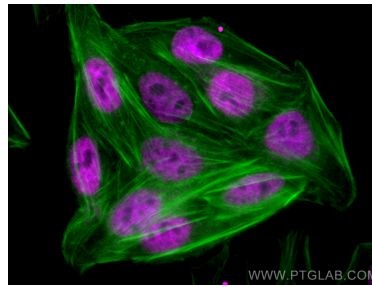
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Selected Validation Data



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 ASF1A antibody (66884-1-Ig, Clone: 2D4A6) at dilution of 1:500 and sms3AF647-1, CL488-Phalloidin (green).