

For Research Use Only

# ASF1A Monoclonal antibody, PBS Only

Catalog Number: 66884-1-PBS



## Basic Information

<b>Catalog Number:</b> 66884-1-PBS	<b>GenBank Accession Number:</b> BC010878	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 25842	<b>CloneNo.:</b> 2D4A6
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9Y294	
<b>Isotype:</b> IgG3	<b>Full Name:</b> ASF1 anti-silencing function 1 homolog A (S. cerevisiae)	
<b>Immunogen Catalog Number:</b> AG1233	<b>Calculated MW:</b> 204 aa, 23 kDa	
	<b>Observed MW:</b> 21-23 kDa	

## Applications

**Tested Applications:**  
WB, IF/ICC, Indirect ELISA

**Species Specificity:**  
human, rat

## 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 -80°C.

**Storage Buffer:**  
PBS Only

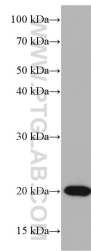
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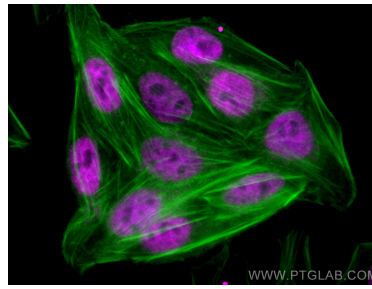
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## Selected Validation Data



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. This data was developed using the same antibody clone with 66884-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 66884-1-PBS in a different storage buffer formulation.