

## Product datasheet

# Anti-ASF1 A+B antibody [ASF 4A1/3] ab31843

### Overview

<b>Product name</b>	Anti-ASF1 A+B antibody [ASF 4A1/3]
<b>Description</b>	Mouse monoclonal [ASF 4A1/3] to ASF1 A+B
<b>Host species</b>	Mouse
<b>Specificity</b>	This antibody reacts with both ASF1A and ASF1B. It recognises E coli and recombinant protein, but has not been tested on endogenous protein.
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human
<b>Immunogen</b>	Full length protein ASF1A

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Constituent: PBS
<b>Purity</b>	Protein A/G purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	ASF 4A1/3
<b>Myeloma</b>	Sp2/0-Ag14
<b>Isotype</b>	IgG2a

### Applications

Our [Abpromise guarantee](#) covers the use of **ab31843** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent dilution. Predicted molecular weight: 23 kDa.

### Target

**Relevance**

Asf1 (anti silencing function 1) belongs to the H3/H4 family of histone chaperones. Its function has not been fully elucidated but it is believed to be involved in ensuring a constant supply of histones at sites of nucleosome assembly. Asf1 interacts with the DNA damage checkpoint protein Rad53 and so may have a role in cell cycle regulation and DNA responses. ASF1 A and B (the two human subtypes) are the only known substrate for Tausled like kinase (TLK).

**Cellular localization**

Nuclear

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